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M. 11.

NATIONAL INSURANCE (UNEMPLOYMENT)
ACTS, 1911 TO 1916.

UNEMPLOYMENT INSURANCE.

DECISIONS GIVEN BY THE UMPIRE

RESPECTING

DEMARCATION OF TRADES

UP TO AND INCLUDING THOSE PUBLISHED IN "THE BOARD OF TRADE JOURNAL" FOR THE 13TH DECEMBER, 1917.

TOGETHER WITH

APPENDICES AND INDEX

[This volume contains all decisions relating to demarcation of trades, including those collected in previous volumes, which are at present operative.]

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NATIONAL INSURANCE (UNEMPLOYMENT) ACTS, 1911 TO 1916.

UNEMPLOYMENT INSURANCE.

DECISIONS OF THE UMPIRE RESPECTING DEMARCATION OF TRADES.

INTRODUCTION.

1. The scheme of compulsory insurance against unemployment, which was introduced by Part II. of the National Insurance Act, 1911, came into operation on July 15th, 1912. Amending Acts were passed in 1914, 1915 and 1916. Under the last-mentioned Act, viz., the National Insurance (Part II.) (Munition Workers) Act, 1916, the additional classes of workmen specified in paragraphs 3 and 4 below are insured temporarily as from the 4th September, 1916.

THE PERSONS INSURED.

A.—*Trades under the Act of* 1911.

2. All workmen in the following trades, whether engaged on munitions work or not:—

(1) **Building**; that is to say, the construction, alteration, repair, decoration, or demolition of buildings, including the manufacture of any fittings of wood of a kind commonly made in builders' workshops or yards.

(2) **Construction of works**; that is to say, the construction, reconstruction, or alteration of railroads, docks, harbours, canals, embankments, bridges, piers or other works of construction.

(3) **Shipbuilding**; that is to say, the construction, alteration, repair or decoration of ships, boats or other craft by persons not being usually members of a ship's crew, including the manufacture of any fittings of wood of a kind commonly made in a shipbuilding yard.

(4) **Mechanical engineering,** including the manufacture of ordnance and firearms.

(5) **Ironfounding,** whether included under the foregoing headings or not.

(6) **Construction of vehicles**; that is to say, the construction, repair or decoration of vehicles.

(7) **Sawmilling** (including machine woodwork) carried on in connection with any other insured trade or of a kind commonly so carried on.

B.—*Trades under the Act of* 1916.*

3. All workmen in the following trades, whether engaged on munitions work or not:—

(1) The manufacture of **ammunition, fireworks,** and **explosives.**

(2) The manufacture of **chemicals,** including oils, lubricants, soap, candles, paints, colours, and varnish.

(3) The manufacture of **metals** and the manufacture or repair of **metal goods.**

(4) The manufacture of **rubber** and **goods made therefrom.**

(5) The manufacture of **leather** and **leather goods.**

(6) The manufacture of bricks, cement, and artificial stone and other **artificial building materials.**

(7) **Sawmilling,** including machine woodwork, and the manufacture of wooden cases.

C.—*Munition workers under the Act of* 1916.

4. All workmen engaged on **munitions work** (so far as not otherwise an insured trade).

The definition of "munitions work" for the present purpose is contained in section 9 (1) (*a*) of the Munitions of War Act, 1916, which reads as follows:—

> "(*a*) the manufacture or repair of arms, ammunition, ships, vessels, vehicles, and aircraft, and any other articles or parts of articles (whether of a similar nature to the aforesaid or not) intended or adapted for use in war, and of any other ships or vessels, or classes of ships or vessels, or parts of ships or vessels, which may be certified by the Board of Trade to be necessary for the successful prosecution of the war, and of any metals, machines, or tools required for any such manufacture or repair, and of the materials, of any class specified in an order made for the purpose by the Minister of Munitions, required for, or for use in, any such manufacture or repair as aforesaid."

Up to the date of this volume, the Minister of Munitions had made Orders specifying the following materials as materials required for, or for use in, the manufacture or repair of articles intended or adapted for use in war:—Balloon fabric; constructional steel; fire-brick; glass for constructional purposes; glass for

---

* The Minister of Labour may also by Order extend the scheme of Unemployment Insurance temporarily to the whole of any other trade or branch of a trade in which a substantial amount of munitions work or other work for war purposes is carried on. No such Order has yet been made.

(11937—14a.) Wt. 13590—587. 4000. 1/18. D & S. G. 4.

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optical purposes; lead compounds; magnesite brick; materials required for, or for use in, the manufacture of explosives; silica brick; worked timber; card clothing; all materials wholly or partly manufactured from wool; lime; shrunk dolomite; all materials wholly or partly manufactured from flax or jute; motor spirit, naphtha, paraffin burning oil, lubricating oil, gas intermediate and fuel oil, paraffin wax; and leather.

EXCLUSION ORDERS.

5. Certain powers of exclusion are conferred upon the Minister of Labour by section 104 of the National Insurance Act, 1911, and by section 1 (1) (*a*) of the National Insurance (Part II.) (Munition Workers) Act, 1916.

6. *Section* 104 *of the Act of* 1911 provides as follows:—

> "The Board of Trade* may, if in any case they consider that it is desirable, by special order exclude from the occupations which are to be deemed employment in an insured trade for the purpose of this Part of the Act—
>
> (*a*) Any occupation which appears to them to be common to insured and uninsured trades alike, and ancillary only to the purposes of an insured trade; and
>
> (*b*) Any occupation which appears to them to be an occupation in a business which, though concerned with the making of parts or the preparation of materials for use in connection with an insured trade, is mainly carried on as a separate business or in connection with trades other than insured trades;
>
> and, on any such order being made, the occupation to which the order relates shall not be treated as employment in an insured trade for the purposes of this Part of this Act.
>
> "Any special order made under this section may be made so as to cover one or more occupations. The provisions of this Part of this Act as to the laying of regulations before Parliament and the presentation of an Address thereon shall apply to special orders made under this section."

7. In pursuance of the powers conferred by this section, the following Special Exclusion Orders have been made:—

(1) *The Special Exclusion (Drivers, &c.) Order*, 1912 (Statutory Rules and Orders, 1912, No. 1855), in force July 15th, 1912, which excludes from unemployment insurance the occupations followed by:—

(*a*) The drivers or attendants of any vehicle.

(*b*) Stablemen or other workmen employed in tending horses or to clean any vehicle.

(*c*) Wood-carvers.

(*d*) Workmen employed in the manufacture and fitting of upholstery for the purposes of the construction, alteration, repair or decoration of buildings, ships, boats or other craft, unless such manufacture and fitting is substantially the sole occupation of such workmen.

(*e*) Workmen employed in the manufacture of fittings of leather or celluloid for cycles or motor cycles.

(2) *The Special Exclusion (Dredgermen, &c.) Order*, 1913 (Statutory Rules and Orders, 1913, No. 122), in force January

---

* The powers of the Board of Trade under the National Insurance (Unemployment) Acts have been transferred to the Minister of Labour under the New Ministries and Secretaries Act, 1916.

31st, 1913, which excludes from unemployment insurance the occupation followed by:—

Members of the crews of dredgers, hoppers, or other vessels engaged in—

(*a*) excavating materials by dredging or conveying materials so excavated, or

(*b*) conveying away materials, whether excavated or not,

in or in connection with the construction, reconstruction, or alteration of harbours, docks, or channels.

(3) *The Special Exclusion (Stone Carvers and Sculptors) Order*, 1913 (Statutory Rules and Orders, 1913, No. 749), in force July 15th, 1913, which excludes from unemployment insurance the occupation followed by:—

Stone carvers and sculptors.

It should be noted that these Orders have no effect in limiting the classes of workmen to which the National Insurance (Part II.) (Munition Workers) Act, 1916, applies.

8. *Section* 1 (1) (*a*) of the Act of 1916 provides that unemployment insurance shall extend to every workman who is engaged on or in connection with munitions work, except such classes of such work as the Minister of Labour may by Order exclude. In pursuance of this provision, *the Unemployment Insurance (Munition Workers) Exclusion Order*, dated August 29, 1916 (Statutory Rules and Orders, 1916, No. 594) has been made, excluding from the scope of the Act the following classes of munitions work:—

(1) The classes of work defined in paragraphs (*b*), (*c*), (*d*), and (*e*) of Section 9 of the Munitions of War Act, 1916.

(2) The manufacture of food, drink, and tobacco.

(3) The manufacture or repair of garments to individual order.

(4) The manufacture of constructional glass.

(5) The manufacture or repair of materials wholly or partly manufactured from wool.

(6) The weaving of cotton articles and subsequent processes allied thereto.

INSURED WORKMEN IN UNINSURED BUSINESSES.

9. Section 107 (2) of the principal Act provides as follows:—

> "In determining any question as to whether any trade in which a workman is or has been employed is an insured trade or not, regard shall be had to the nature of the work in which the workman is engaged rather than to the business of the employer by whom he is employed."

DEFINITION OF "WORKMAN."

10. Contributions under the National Insurance (Unemployment) Acts are payable only in respect of persons who are "work-

men" as defined by section 107 (1) of the principal Act. This definition is as follows:—

> "The expression 'workman' means any person of the age of 16 or upwards employed wholly or mainly by way of manual labour, who has entered into or works under a contract of service with an employer, whether the contract is expressed or implied, is oral or in writing, and in relation to a person whilst unemployed means a person who, when employed, fulfilled the conditions aforesaid, but does not include an indentured apprentice."

Female workpeople are included on the same footing as male workpeople.

Workpeople Employed by the same Employer, Partly on Insurable Work, and Partly on Non-Insurable Work.

11. Regulation 35 of the Unemployment Insurance Regulations, 1912, provides as follows:—

> "Where during any period a workman has been employed by one employer partly in an insured trade and partly not in an insured trade, and contributions have by arrangement between the employer and the workman been paid as if the whole employment of that workman were in an insured trade, those contributions shall be deemed to have been duly paid in respect of employment in an insured trade."

If advantage is not taken of this procedure, contributions must be paid for each wage period during which the employee was engaged wholly or mainly on the insurable work, *i.e.*, during which he or she was so employed for at least half the time.

This applies to workpeople insured under the Act of 1911, and also to those insured under the Act of 1916.

Establishments in which some Workpeople only are Engaged on Insurable Work.

12. Section 2 (2) of the National Insurance (Part II) (Munition Workers) Act, 1916, provides as follows:—

> "Where in any establishment some workmen are insured under this Act, any other workman employed in that establishment may, with his consent and the consent of his employer, be treated as if he were employed in a trade mentioned in the First Schedule to this Act."

That is to say, in any establishment where some workpeople must be insured *under the above Act*, all other workpeople (or any of them) may be treated as if they were insurable under that Act.

Where it is desired to take advantage of this procedure application should be made by the workmen concerned for unemployment books in the usual way, but a reference to the abovementioned section of the Act should be inserted in the forms of application.

APPLICATIONS FOR DECISION BY THE UMPIRE.

13. In accordance with section 91 of the National Insurance Act, and the Unemployment Insurance (Umpire) Regulations, 1912 (Statutory Rules and Orders, 1912, No. 313), decisions as to whether contributions are payable under the National Insurance (Unemployment) Acts, 1911 to 1916, in respect of any workman or class of workmen rest, not with the Minister of Labour, but with the Umpire, an independent authority appointed by the Crown. Application for such a decision may be made on the prescribed form (U.I. 1B.), which is obtainable at any Employment Exchange or other Local Office of the Unemployment Fund. The Umpire's address is 47, Victoria Street, Westminster, London, S.W.1.

14. By section 3 (1) of the National Insurance (Part II. Amendment) Act, 1914, the Umpire is empowered also to decide whether a person is a workman within the meaning of the definition quoted in paragraph 10 above, *i.e.*, whether such a person is employed under a contract of service or by way of manual labour, or is an indentured apprentice. Application for such a decision may be made on the prescribed form (U.I. 1A).

PUBLICATION OF DECISIONS.

15. The decisions given by the Umpire in respect of applications made to him in accordance with the above-mentioned provisions are published in the Board of Trade Journal (weekly, on Thursdays, price 3*d*.) and in the Labour Gazette (monthly, on the 16th, price 1*d*.). These publications may be purchased either directly or through any bookseller from H.M. Stationery Office at the following addresses: Imperial House, Kingsway, London, W.C.2, and 28, Abingdon Street, London, S.W.1; 37, Peter Street, Manchester; 1, St. Andrew's Crescent, Cardiff; 23 Forth Street, Edinburgh; or from E. Ponsonby, Ltd., 116, Grafton Street, Dublin.

DECISIONS GIVEN UNDER ACT OF 1911 WHICH ARE NOW INOPERATIVE.

16. When the National Insurance (Part II.) (Munition Workers) Act, 1916, came into operation on the 4th September, 1916, a number of decisions under the Act of 1911 to the effect that contributions were *not payable* became wholly or partly inoperative, and have been superseded by subsequent decisions. In this volume such inoperative decisions (or parts of decisions) have been omitted from the text; but, for purposes of reference, their numbers are included in Appendix I. (*a*) on page 187. Where decisions to the effect that contributions are not payable under the Act of 1911 remain in the text (*i.e.*, "B" decisions up to and including B1549), the Umpire has certified that they hold good also with regard to the Act of 1916, *provided that the classes of workmen referred to therein are not employed on or in connection with munitions work.*

REVISIONS OF DECISIONS.

17. In accordance with Regulation 1 (3) of the Unemployment Insurance (Umpire) Regulations, 1912, any decision given by the

Umpire is subject to revision by him. A number of decisions have been so revised, and Appendix I. (2) on page 188 contains a list of decisions which modify or otherwise affect previous decisions.

In accordance with Section 3 (2) of the National Insurance (Part II. Amendment) Act, 1914, where a decision has been obtained from the Umpire that contributions are not payable in respect of any workman, or class of workmen, and the Umpire certifies that he has subsequently revised such decision so as to make contributions payable in respect of such workman, or class of workmen, or any of them, contributions shall be so payable only from the date when the decision was so revised. In all other cases, in accordance with Section 85 of the National Insurance Act, 1911, contributions are payable as from the respective dates upon which the Acts came into operation, viz., the 15th July, 1912, in the case of the National Insurance Act, 1911, and the 4th September, 1916, in the case of the National Insurance (Part II.) (Munition Workers) Act, 1916.

A table, showing the issues of the Board of Trade Journal in which the various decisions have been published, is given in Appendix II. on page 190 of this volume.

METHOD OF DISTINGUISHING DECISIONS.

18. The present volume contains all important operative decisions given by the Umpire up to and including those published in the Board of Trade Journal for the 13th December, 1917. The decisions are printed in numerical order, and are distinguished as follows:—

(i) Decisions to the effect that contributions *are payable* under Part II. of the National Insurance Act, 1911, are printed in clarendon type, and their numbers are preceded by the letter A, *e.g.*, A1.

(ii) Decisions to the effect that contributions *are payable* under the National Insurance (Part II.) (Munition Workers) Act, 1916, are printed in clarendon type, and their numbers are preceded by the letter A and followed by the letter X, *e.g.*, A1554X.

(iii) Decisions to the effect that contributions *are not payable* are printed in italics, and their numbers are preceded by the letter B, *e.g.*, B10.

19. Decisions relating to individual workmen which raise no question of general interest, or which merely apply a principle laid down in a previous decision, are not published. A list of the consecutive numbers of these decisions and of certain other decisions not included in this volume is given in Appendix I. (*b*) on p. 187 of this volume.

MINISTRY OF LABOUR,
EMPLOYMENT DEPARTMENT,
QUEEN ANNE'S CHAMBERS,
BROADWAY,
WESTMINSTER, S.W.1.
December, 1917.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

NOTE.—The decisions printed **in clarendon** and marked " A " are those in which the Umpire has decided that contributions are payable. The numbers of decisions given under the National Insurance (Part II.) (Munition Workers) Act, 1916, are distinguished by the letter " X."

The decisions printed *in italics* and marked " B " are those in which the Umpire has decided that Contributions are not payable.

All decisions affecting labourers in insured trades must be construed with reference to decisions A 749 and A 1617 X.

A 1. Workmen employed in the construction, repair or decoration of railway wagons, goods vans, brake vans and cattle vans.

A 2. Workmen, not being usually members of a ship's crew, employed in the construction, alteration, repair or decoration of barges, whether of wood or iron.

A 7. Workmen employed in washing ceilings, stripping of paper in buildings, whitening, colouring, repairing, pumicing woodwork and general preparations for painting.

B 10. *Workmen in the service of an electric supply corporation employed as follows:—*

(1) *Switch board attendants to operate switch gear on switch board and regulate voltage on mains;*

(2) *Motor generator attendants to attend to switch boards connected with the control of motor generators and to look after the proper running of the motor generators and keep them clean;*

(3) *Battery attendants to look after the proper maintenance of the electric accumulators and replace plates when necessary;*

(4) *Testers to test and connect installations and arc lamp series;*

(5) *Meter readers, to read all meters in consumers' premises (See also decision* A 1343).

A 14a. Engineers, blacksmiths, carpenters, and joiners, engaged in repairing steamers, and not being usually members of a ship's crew.

A 15. Workmen described as smiths and mechanics in textile mills who are engaged wholly or mainly in the work of maintenance and upkeep of machinery.

B do. *Workmen employed in textile mills, and engaged wholly or mainly in the work of driving, tenting, or minding engines or stoking boilers.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 16. Workmen employed by a firm whose business is that of seed crushers, oil-cake manufacturers and oil refiners, and described as fitters and smiths who are engaged wholly or mainly in the work of maintenance and upkeep of machinery.

A 17. Workmen employed by a firm whose business is that of seed crushers, oil-cake manufacturers and oil refiners, and described as bricklayers and joiners, who are engaged wholly or mainly in the work of construction, alteration, repair, decoration, or demolition of buildings.

A 19. Workmen desribed as bricklayers, plumbers, painters, scaffolders, plasterers, and the labourers of each, who are employed by firms of millers, and are engaged wholly or mainly in the work of construction, alteration, repair, decoration, or demolition of buildings.

A 20. Workmen described as follows: Fitters, turners or finishers, erectors, millwrights, planers, borers, slotters, screwers, shapers, iron sawyers, grinders (iron and steel), glazers, millers, polishers, buffers and drillers (machine), machinemen (other than those specified), drillers (hand), smiths, smiths' strikers, toolsmiths, tool makers, employed in a mechanical engineering establishment.

Ironmoulders, coremakers, iron dressers, cupolamen, moulders (machine):—

(a) Employed in an ironfoundry, part of a mechanical engineering establishment;

(b) Employed in an ironfoundry, not part of a mechanical engineering establishment.

A 23. Workmen and their helpers and labourers employed in factories and workshops which are engaged wholly or mainly in the manufacture of castings of brass, white metal, gun metal or other copper alloys for use as parts of the products of a mechanical engineering establishment, and described as follows: Core makers, casters, moulders, dressers, polishers, finishers, fitters. *See also* decisions **A 1504** and **A 1626X**.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 24. *Workmen employed by firms of millers who are engaged wholly or mainly in the work of:—*
(1) *Steam, gas or oil engine drivers;*
(2) *Stokers or gas plant attendants;*
(3) *Steam and petrol wagon drivers;*
(4) *Motor-car drivers;*
(5) *Dynamo and electric motor attendants;*
and who are not engaged wholly or mainly in the maintenance and upkeep of machinery.

A 26. Bricklayers, slaters, and the labourers of each employed by a tramway company, and engaged wholly or mainly in the construction, alteration, repair, decoration or demolition of buildings.

A 29. Workmen employed by a spinning and weaving company, and described as
(a) carpenters, mechanics, if employed wholly or mainly in the repair of buildings and machinery;
(b) apprentices to the workmen described in (a), if of the age of 16 or upwards, and employed wholly or mainly by way of manual labour, and if working under a contract of service with employer, whether expressed or implied, oral or in writing, but provided they are not indentured apprentices. (*See also* decision **A 2353.**)

B 31. *Workmen described as engine drivers employed by a District Council:—*
(*a*) *With Council's steam engines at the waterworks;*
(*b*) *At sewage pumping station with oil engines; and engaged wholly or mainly in driving the engines, and not engaged wholly or mainly in repairing the same.*

A 33. Persons employed in lathing, dressing slates, gutters and spouting; slating, tiling and rendering lead gutters, lead flashing and apron and counter flashing.

B 36. *Ploughmen engaged in experimenting with agricultural implements.*

A 38. Workmen employed by a firm of builders' merchants, and described as masons and tilers, who are engaged wholly or mainly

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

in the work of construction, alteration, repair, decoration or demolition of buildings.

B 38. *Workmen employed by a firm of builders' merchants, and engaged wholly or mainly in the work of unloading barges of bricks or cleaning offices.*

A 39. Workmen employed in a railway wagon and iron works, and described as follows:—

(1) Wagon makers, builders, and repairers of railway wagons;

(2) Blacksmiths and strikers (manufacturers and repairers of railway wagon ironwork);

(3) Painters and letterers of railway wagons;

(4) Labourers assisting above classes of workmen;

(5) Foremen if employed wholly or mainly by way of manual labour.

B 40. *Workmen engaged in the work of quarrying stone, including the process of scabbling or other rough dressing. (See also decision* A 1242.)

***B 42.** *Workmen employed by a firm of dyers and described as stillmen who are engaged wholly or mainly in attending to the stills and condensers of the distilling plant, and are not engaged wholly or mainly in the maintenance and upkeep of machinery.*

A 43. Fitters, turners, machinists, smiths, strikers, millwrights, and their helpers and labourers who are employed in steel, bar and tinplate works, and engaged wholly or mainly in the maintenance and upkeep of machinery, and in respect of carpenters, joiners and masons, and their helpers and labourers who are employed as above, and engaged wholly or mainly in construction, alteration, repair, decoration or demolition of buildings.

A 44. Workmen engaged in the work of fixing stone or the preparation or dressing of stone (exclusive of slate) to finished dimensions for use in connection with any trade set out in Schedule VI. of the National Insurance Act, 1911.

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* *See* paragraph 16, page vii, with reference to the question of munitions work.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 46. Workmen engaged wholly or mainly in the work of construction, repair, or decoration of cycles.

B do. *Workmen engaged wholly or mainly in the work of cleaning a cycle shop, cleaning cycles, running errands, doing odd jobs and repairing on an occasion a puncture or acting as shop assistant.*

B 48. *Workmen engaged wholly or mainly in the work of supervision of weavers and assisting same when necessary,* but contributions are payable in respect of workmen engaged wholly or mainly in the work of maintenance and upkeep of machinery.

A 50. Goods hoist attendants employed in a mechanical engineering establishment.

A 51. Workmen engaged in the manufacture of shells and cartridge cases for use in connection with artillery.

A 54. Workmen described as bricklayers, carpenters, joiners, plumbers, painters, scaffolders, plasterers, and the labourers of each, who are engaged wholly or mainly in the work of construction, alteration, repair, decoration or demolition of buildings in connection with businesses other than those included under the trades specified in Schedule VI. of the National Insurance Act, 1911.

A 58. Workmen described as smiths and mechanics, and the labourers of each, who are engaged wholly or mainly in the work of maintenance and upkeep of machinery in connection with businesses other than those included under the trades specified in Schedule VI. of the National Insurance Act, 1911.

B 59. *Workmen employed by builders' factors, coal, sand and gravel merchants, and described as boatmen engaged in dredging sand and gravel from the river bed, working the boat, and delivering cargo at wharf.*

B 60. *A brickyard manager, engaged wholly or mainly in the work of overlooking workmen's books, attending to sale tickets, and generally supervising business.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 62. Workmen employed in a malleable iron foundry and described as engaged in the work of moulding, core-making, annealing, dressing and general labour.

A 63. Workmen employed by gun manufacturers and described as follows:—

(1) Barrel filers;
(2) Barrel borers;
(3) Screwers;
(4) Finishers;
(5) Engravers and inlayers;
(6) Viewers passing work and adjusting small faults, if employed wholly or mainly by way of manual labour.

A 64. Workmen employed by a firm of brickmakers and described as:—

* * * * * * *

(2) Wheelwrights who are engaged wholly or mainly in repairing carts and wagons;
(3) Tile fixers who are engaged wholly or mainly in the work of fixing tiles to walls of new or existing buildings;
(4) Mechanics who are engaged wholly or mainly in the work of maintenance and upkeep of machinery;
(5) Carpenters and plumbers who are engaged wholly or mainly in the work of repairing buildings.

B 65. *A workman employed by a Borough Council and engaged wholly or mainly in the work of driving a steam motor wagon.*

A 66. Joiners in the employ of a Borough Council if engaged wholly or mainly in the work of repairs to the internal fixed woodwork of school buildings.

B 67. **Workmen described as . . . . (2) sign writers who are engaged wholly or mainly in the work of writing signs and writing on office doors, gilding letters, &c.*

B 70. *Workmen described as bass dressers, who are engaged wholly or mainly in the work of dyeing and dressing the rough Piassava used in ordinary stiff yard brooms.*

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* Decision B 67 has been modified by decision A 504.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 75. Workmen employed by a firm of wire rope manufacturers and described as fitters, and the labourers to assist them, who are engaged wholly or mainly in the work of maintenance and upkeep of machinery.

***B 83.** *Workmen engaged wholly or mainly in the work of working maltsters.*

A 85. Workmen described as wheelwrights engaged at works forming part of a mechanical engineering establishment.

A 86. Workmen employed in a mechanical engineering establishment and described as follows: Cranemen (hand or power), enginemen (stationary engines), firemen (stationary engines), boilermen.

B 87. *Masons who are engaged wholly or mainly in the work of the preparation or dressing of stone for monuments of a simple character, such as are ordinarily found in cemeteries, or for mural tablets, or who are engaged wholly or mainly in the work of fixing such stones.*

A 88. Workmen and their helpers and labourers employed in factories and workshops which are engaged wholly or mainly in producing manufactures for use as parts of the products of a mechanical engineering establishment, and described as follows:—

(1) Sheet metal workers.

(2) Persons engaged in the manufacture of copper fittings and appliances (coppersmiths, &c.).

†[**A 89.** Workmen (including helpers and labourers) employed in factories and workshops which are engaged wholly or mainly in the manufacture of steel castings for use as parts of the products of a mechanical engineering establishment, and in machine shops in connection with the manufacture of such steel castings.]

‡**A 90.** Workmen described as gun press workers employed in the manufacture of ordnance

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* *See* paragraph 16, page vii, and decision A 2121X with reference to the question of munitions work.

† This decision is not now operative. *See* decision A 320.

‡ The application of decision A 90 is restricted to the machining process. *See also* decision A 1641X.

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who are engaged in the work of making tubes or covers for guns.

B 94. *A workman employed by a railway company, and described as an engine cleaner engaged solely in engine cleaning, not repairing or fitting, nor having the control of any machinery.*

B 97. *Workmen employed by an Urban District Council, and engaged in the work of road repairing, cleansing and watering, sewer cleansing, lamp lighting and extinguishing, night-soil removal and dry ashpit employees, public market attendants, public bath attendants and laundrymen, public park rangers, water and lighting inspector and assistants, sewage farm attendants.*

B 100. *Workmen employed by a firm of printers and stationers, and engaged wholly or mainly in the work of composing, machining (that is, printing formes of type which have been set up), wire stitching, folding, perforating, &c.*

B 101. *Workmen employed by a firm of contractors (works of construction), and described as follows:—*

(1) *Gangers not employed wholly or mainly by way of manual labour.*

(2) *Quarrymen engaged wholly or mainly in quarrying stone.*

(3) *Chef and assistants engaged wholly or mainly in cooking food.*

(4) *Boot repairers engaged wholly or mainly in repairing boots for workmen employed in water and concrete.*

A 103. Workmen employed at a cartridge works, and described as:—

(1) Smiths and mechanics and their assistants engaged wholly or mainly in the maintenance and upkeep of machinery.

(2) Carpenters, joiners, bricklayers and their labourers, &c., engaged wholly or mainly in repair and addition to buildings.

B 105. *Workmen employed by a firm of lime, cement, brick and slate merchants, and described as carmen and horsekeepers, yardmen, sack repairers, sub-contractors, cranemen, barge captains and mates, and in respect of the labourers of each.*

A 106. Workmen employed by a firm of lime, cement, brick and slate merchants, and described as slaters and tilers, and their

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labourers, who are engaged wholly or mainly in the work of construction, alteration, repair, decoration or demolition of buildings.

A 110. Workmen
(a) Engaged wholly or mainly in the work of fixing stone, or the preparation or dressing of stone (excluding slate) to finished dimensions for use in connection with any trade set out in the Sixth Schedule of the National Insurance Act, 1911;
(b) Employed by a contractor as masons and carpenters and their labourers who are engaged wholly or mainly in the work of construction, alteration, repair, decoration, or demolition of buildings.

B 111. *Workmen engaged wholly or mainly in the work of:—*
(a) Agricultural labourers working under farmers;
(b) Contractor taking contracts and not employed wholly or mainly by way of manual labour;
(c) Gentleman's servants, gardener, coachman, butler and labouring men employed about gentleman's place.

A 113. Workmen employed by a firm of roofing felt manufacturers and roof contractors, and engaged in the work of fixing roofs of timber covered with felt and borne by wooden lattice girders resting on the walls.

A 114. Workmen employed by a firm of cattle food manufacturers, and engaged wholly or mainly in the maintenance and upkeep of machinery and engines.

B 115. *Workmen employed by a firm of cotton spinners, and described as operative cotton spinners, card and blowing-room operatives, ring spinners, winders, beamers and reelers and warehousemen (packers).*

B 121. *Workmen who are engaged wholly or mainly in the work of supervising men operating cigarette - making machines.*

B 125. *Workmen employed by a firm of coal merchants, and engaged wholly or mainly in the work of bunkering steamers—that is, putting coal on board by hydraulic crane, and trimming same into the bunkers.*

B 128. *A workman employed by a cycle factor, and engaged wholly or mainly in the work of selling over the counter*

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portions of bicycles and their accessories to be used by the buyers in the construction of bicycles.

B 129. *Workmen employed by a firm of printers, and engaged wholly or mainly in work as stereotypers, monotype casters, and letterpress machine minders.*

A 130. Workmen employed by a firm of printers, and described as smiths and mechanics, who are engaged wholly or mainly in the work of maintenance and upkeep of engines and machinery.

A 131. Workmen employed by a firm of slaters' and builders' merchants, and engaged wholly or mainly in the work of slating and tiling buildings.

A 134. A workman employed by a brewery company, and described as a carpenter and jobber, if he is engaged wholly or mainly in the work of construction, alteration, repair, or decoration of buildings.

B 135. *Workmen employed by a firm of merchants and commission agents, and engaged in the work of separating and packing for despatch goods purchased, such as soap, &c.*

B 136. *Workmen employed by a firm of lubricating grease bag manufacturers, and engaged in the work of filling grease into canvas bags, cutting out bags and sewing with machines.*

A 142. A labourer who is engaged in tarring, lime washing, rough painting and glazing buildings.

A 143. Smiths and mechanics employed by a brewery company, and engaged wholly or mainly in the work of maintenance and upkeep of machinery.

B 144. *Workmen employed by a brewery company, and described as :—*

(1) *Drivers, who are engaged wholly or mainly in the work of driving motor wagons;*

(2) *Engine attendants, who are engaged wholly or mainly in the working of engine and boiler.*

B 145. *Persons employed by a firm of sheet metal workers, and described as a counterman who serves at the counter, and a commercial traveller who sells the goods.*

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B 150. *Workmen engaged in:—*
  (*a*) *Window cleaning*;*
  (*b*) *Sweeping of chimneys in private houses.*

B 153. *An architect's assistant or clerk of the works who is not employed wholly or mainly by way of manual labour.*

B 157. *Workmen employed by a cycle agent, and engaged wholly or mainly in the selling of new and secondhand bicycles and motor bicycles.*

B 162. *Persons employed by a nail merchant in a shop serving customers with nails, screws, &c., in an office as a clerk, or in the work of carting out nails, &c.*

B 163. *Workmen employed by a window cleaner, and engaged in the work of cleaning windows, washing paint, and washing buildings.*

B 169. *Workmen employed by a water company, and engaged wholly or mainly in the cleansing of water filters, or as turncock and water meter inspectors.*

B 170. *A workman described as a monumental letter cutter, who is engaged in cutting letters on tombstones, which are of a simple character such as are ordinarily found in cemeteries, or on mural tablets, and filling them in with lead, or blacking them with black paint, working as a master man and also for different firms of undertakers.*

B 172. *A workman employed at a motor garage, and engaged wholly or mainly in the work of motor tyre repairer, petrol storekeeper and caretaker.* (See also decision **A 1406.)**

B 174. *A workman engaged in cutting inscriptions on tombstones, which are of a simple character such as are ordinarily found in cemeteries, or on mural tablets.*

B 176. *Workmen employed at a shipbuilding and engineering works, and described as storekeepers† issuing and receiving goods and keeping records.*

A 178a. Workmen engaged wholly or mainly in the work of construction, reconstruction, or alteration of railroads.

B do. *Workmen engaged wholly or mainly in the work of:*
  (*a*) *repair of railroads;*
  (*b*) *relaying a working railroad.*

The word "alteration," in the opinion of the Umpire, does not refer to work usually chargeable to revenue account.

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* *See also* decision A 749.

† *See also* decision A 749 and A 1539.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 178b. **Workmen engaged wholly or mainly in the work of construction, alteration, repair, decoration or demolition of buildings, belonging to railway companies.**

A 178c. **Workmen engaged wholly or mainly in the construction, reconstruction, or alteration of bridges.**

The word " alteration," in the opinion of the Umpire, does not refer to work usually chargeable to revenue account.

A 185. **A workman employed by a cycle and carriage company, and described as a nickel plater, who is engaged in the plating of cycles or other vehicles or parts thereof.**

A 187. **Workmen employed on an estate, and described as builders or masons, who are engaged wholly or mainly in stone and lime building of farmhouses and steadings and other buildings on the estate, or in the repair of the said buildings.**

A 188. **Workmen employed by a firm of mining and tool engineers, and engaged in the work of a malleable iron and steel foundry.**

*B **190.** Notice.—Decisions numbered **190** and **191**, relating to workmen employed by a local authority, are applicable also to workmen employed by gas, electric supply, tramway and water supply companies, contractors or others, when engaged on work of the kinds mentioned in these decisions.

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* **Decisions Nos. 190 and 191.** It has been brought to the notice of the Umpire that some misunderstanding exists in regard to certain parts of Decisions 190 and 191. He desires, therefore, to make it clear that the distinction between work " of a kind usually chargeable to Capital Account " and work " of a kind usually chargeable to Revenue Account " has reference—

(1) to construction of works only, and not to work which comes within the meaning of any of the Sub-sections of Schedule VI. of the National Insurance Act other than Sub-section (2).

(2) in the case of roads, streets, and sewers, to the interpretation of the word " alteration."

In this connection the Umpire understands that new work of a substantial character is " usually " chargeable to Capital Account, and contributions would accordingly be payable in respect of all workmen employed on it even though, in a particular case, the cost of the work might be charged to Revenue Account, or the wages of some of the workmen might be so charged.

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Workmen employed by a local authority, and engaged wholly or mainly in the work of:—

(1) *Redressing old granite and whin kerbs;*

(2) *Preparing and repairing square stone bases for the erection of gas lamps;*

(3) *Setting up poles to be used solely for gas or electric lamps for street lighting purposes;*

(4) *Repairing and maintaining overhead, third rail, conduit, surface contact, or cable equipment of railroads, tramways, light railways or electric power supply, the cost of which is usually chargeable to revenue account* (see also decision **A 1300**);

* * * * * * *

(10) (*a*) *Laying services;*
  (*b*) *Laying mains, the cost of which is usually chargeable to revenue account;*

(11) *Repairing railway sidings;*

(12) *Repainting ironwork which is not part of a building;*

(13) *Repairing and maintaining roads, streets and sewers;*

(14) *Cranemen employed in water and gas departments' depôts and yards;*

(15) *Jointing cables for the purpose of repairs or taking branches from mains in consumers' premises;*

* * * * * * *

† **A 191.** NOTICE.—Decisions numbered **190** and **191**, relating to workmen employed by a local authority, are applicable also to workmen employed by gas, electric supply, tramway and water supply companies, contractors or others, when engaged on work of the kinds mentioned in these decisions.

Workmen employed by a Local Authority, and described as follows:—

(1) Cranemen employed in the repairing shops in electricity, water and tramway departments, and who are engaged wholly or mainly in the work of lifting materials in connection with the repairs of machinery;

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† *See* note at foot of p. 12.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

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(2) Workmen engaged wholly or mainly in working at small circular saws cutting out small timber to size for framing and repairing tramcars;

(3) Workmen engaged wholly or mainly in the work of repairing baths and underground lavatories;

(4) Workmen engaged wholly or mainly in the work of jointing new cables in electricity and tramway departments;

(5) Workmen engaged wholly or mainly in the work of wiring buildings or tramway cars;

(6) Workmen engaged wholly or mainly in work in connection with overhead, third rail, conduit, surface contact, or cable equipment of railroads, tramways, light railways or electric power supply, the cost of which is usually chargeable to capital account;

(7) Workmen engaged wholly or mainly in laying or constructing water, gas and electric mains (other than services), the cost of which is usually chargeable to capital account;

(8) Workmen engaged wholly or mainly in the work of constructing new railway sidings or lines;

(9) Workmen engaged wholly or mainly in the work of construction, re-construction, or alteration of roads, streets, and sewers.

The word "alteration," in the opinion of the Umpire, does not refer to work usually chargeable to revenue account.

A 193. Workmen employed by a firm of millers, and engaged wholly or mainly in the installation and upkeep of electric wiring for buildings.

A 194. A workman described as a wireman who is engaged wholly or mainly in the work of wiring for electric lighting and bells in buildings.

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A 196. Workmen described as fibrous plasterers in casting shops who are engaged wholly or mainly in the work of making fibrous and cast plaster to be fixed in buildings.

B 197. *Workmen engaged wholly or mainly in the work of measuring, planning and fitting linoleum not permanently fixed to building.*

B 199. *Workmen employed by a firm of mineral water manufacturers, and engaged wholly or mainly in the work of—*

* * * * * * *

(2) *Fitting syphon tops on vases . . . ;*
(3) *Repairing broken cases and boxes.* (*See also* decision **A 2154X.**)

B 204. *Workmen employed by a firm of handcart builders and hirers, and engaged wholly or mainly in booking handcarts going out on hire.*

A 205. Workmen employed by a firm of handcart builders and hirers, and engaged wholly or mainly in making or repairing handcarts.

B 208. *Workmen engaged wholly or mainly in the work of sand screening in a sand quarry or pit.*

B 209. (1) *Rock drillers employed in slate quarries.*
(2) *Platelayers and labourers employed wholly or mainly in the upkeep and maintenance of railway lines in connection with slate quarries.*

***B 211.** *Workmen employed by a firm of earthenware manufacturers, and described as packers who are engaged wholly or mainly in the work of packing goods sent away in cases or crates.*

B 213. *Workmen employed by a firm of builders' merchants, and engaged wholly or mainly in the work of :—*
(1) *Carting building material to customers;*
(2) *Loading same materials.*

B 217. *Workmen employed by a firm who are manufacturers of chestnut wood fencing and wire fencing, and engaged wholly or mainly in the work of making by hand cleft chestnut wood pales bound by galvanised wire strands.*

B 218. *Workmen employed by a Town Council, and engaged wholly or mainly in the work of grave digging ordinarily carried on in cemeteries and graveyards.*

B 220. *Workmen engaged wholly or mainly in the work of :—*
(*a*) *Repair of tramway lines;*
(*b*) *Relaying a working tramway line.*

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* *See* paragraph 16, page vii, with reference to the question of munitions work.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

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A 221. **Workmen employed wholly or mainly in the construction, reconstruction, and alteration of tramway lines.**

In the opinion of the Umpire, the word "alteration" does not refer to work of a kind usually chargeable to revenue account.

B 233. *Workmen employed by a firm of woollen manufacturers, and engaged wholly or mainly in arranging work and looms for weavers, and superintending weavers generally.*

[*]**B 234.** *Workmen employed at glass works, and engaged in the work of charging furnaces with raw materials to make glass for bottle making, and melting same.*

B 238. *Workmen employed by a gas company, and engaged wholly or mainly in the work of—*

(1) *Fuel handlers, unloading fuel;*
(2) *Elevator men, working automatic elevators;*
(3) *Feeding producer men, feeding producers, withdrawing and wheeling away ashes;*
(4) *Washermen, scooping soot;*
(5) *Tower and tank men, attending to the towers and skimming tar;*
(6) *Blowermen, oiling and attending roofs, blowers and pumps;*
(7) *Compressor men, oiling and attending compressors;*
(8) *Gas engine men, attending gas engines and electrical plant;*
(9) *Stokers;*
(10) *Meter testers;*
(11) *Inspectors and assistants, cleaning and distributing apparatus, inspecting and reading meters;*
(12) *Labourers, cleaning up, &c.;*

* * * * * * *

(15) *Storekeeper and time keepers and assistants;*
(16) *Watchmen, cleaners, tarmen.*[†]

B 241. *Workmen engaged in the work of cleaning and regilding picture frames, making ornaments in composition and fixing panes; and fitting up pictures.*

B 242. *A workman engaged wholly or mainly in the work of teaching cotton operatives to work machines.*

B 245. *Workmen employed at a gas works, and engaged wholly or mainly in—*

(1) *Drawing and charging gas retorts and attending furnaces;*

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[*] *See* paragraph 16, page vii, with reference to the question of munitions work.

[†] *See also* decisions A 1763X, A 1764X and A 1907X.

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(2) *Discharging coal from railway trucks, and labour generally;*

(3) *Inspecting and testing consumers' meters.*

A 246. Workmen engaged in the manufacture of perambulators, mail carts and folding cars.

B 248. *Sand pit workers, who are engaged in digging sand, and are not engaged in any work of construction.*

A 253. Workmen engaged in the work of repairs to all kinds of motor cars.

A 258. Workmen engaged wholly or mainly—

(1) In fixing felt roofing to buildings;

(2) As pipe fitters on the maintenance and upkeep of steam pipe lines.

B 260. *Workmen employed by a timber merchant, and engaged in the work of felling trees, carting same from country, carting sawdust, firewood and goods.*

***B 261.** *Workmen employed by furnishing and engineers' ironmongers, and engaged on work of*

(1) *Loading and unloading goods;*

(2) *Labourers in scrap yard;*

(3) *Storemen.*

A 262. Workmen engaged in the manufacture of fittings of wood of a kind commonly forming part of the construction or decoration of buildings, ships, boats or other craft, or vehicles.

B 263. *Workmen engaged in the manufacture of fittings of wood (including seats or chairs) of a kind not commonly forming part of the construction or decoration of buildings, ships, boats or other craft, or vehicles.* (See also *decision* A2088X.)

B 264. *Workmen employed by electric supply companies, and described as follows:—*

Ash cleaners;
Boys (porterage and general cleaning);
Coal trimmers, labourers and measurers;
Condenser attendants;
Dynamo cleaners;
Engine drivers;
Engine cleaners;

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* *See also* decision A 749.

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Firemen;
Foremen;
Greasers;
Gate and timekeepers;
Instrument and meter testers and calibrators;
Inspectors;
Loco drivers;
Lamp trimmers;
Labourers (cleaning and generally assisting);
Lady attendants;
Regulators (switchboard and battery attendants);
Storekeepers and assistants;
Shopboy;
Shift engineers;
Sub-station attendants;
Transformer and dynamo attendants;
Water softener attendant;
Water and pump attendants;
Box inspector;
Camp boys;
Chauffeurs;
Installation inspectors;
Gangers (if not employed wholly or mainly by way of manual labour);
Street lighting attendants;
Yardmen;
Clerks;
Canvassers and collector;
Chefs and mess room attendants;
Lavatory attendants;
Carmen;
Draughtsmen;
Lightermen;
Lift attendants;
Office cleaners;
Typists (male and female);
Telephone girl;
Window cleaners;
Chemists.

A 265. Workmen employed by electric supply companies, and described as follows:—
Carpenters engaged in constructional woodwork and general repairs to buildings.
Engine fitters' labourers.
Moulders and moulders' mates.
Machinist (attending to machine tools).

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Painters.
Plumbers and mates.
Timber man and scaffolder.

B 266. *A workman employed by a firm of coal merchants, and engaged in work of crane-driving and stoking for the purpose of discharging coal.*

B 267. *Workmen employed by a firm of iron merchants, and engaged in work of cutting up boilers, shearing up plates into scrap, and loading into wagons for iron works.*

B 268. *Workmen employed by a sewerage board, and described as labourers engaged in the cleansing, maintenance and repair of a scheme of main sewerage, the construction of which was completed in* 1910.

B 271. *Workmen employed by a granite company, and engaged wholly or mainly in the work of*—

(1) *Dressing kerbstones and channels for the edges of pavements in towns;*

(2) *Preparing timber for miscellaneous purposes in the quarries.* (*See also* decision **A 2088X.**)

A 275. Workmen employed by a firm of gas engineers, and engaged wholly or mainly in the work of—

(1) Fitting and turning parts of engineering steel work used in the manufacture of plant and machinery for gas works;
(2) Construction and erection of plant and machinery appertaining to gas works;
(3) Labourers engaged with the above;
(4) Gas fitters engaged away from the works in installation of gas services in private and public buildings.

A 277. Workmen engaged in the work of making sewing machines—

(a) Japanning and ornamentation working;
(b) Plating and etching workers;
(c) Gas plant labourers;
(d) Bronzers;
(e) Wood workers;
(f) Metal and wire workers.

Note.—**The word “workmen” applies to women as well as men.**

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B 278. *Workmen employed by a firm of sewing machine manufacturers and described as follows:—*

* * *

(*b*) . . *Watchmen, firemen, ambulance men* . . ;

* * *

(*d*) *Transfer makers;*

* * *

(*g*) *Straw pad makers;*

* * *

NOTE.—The word "workmen" applies to women as well as men.

A 279. **Workmen described as hot water and steam fitters engaged in the fitting and installation in buildings of pipe-work and apparatus for heating by means of hot water or steam.**

A 280. **Workmen engaged in the work of making tools required in range, stove, hot water, and general fitters' work.**

A 287. **Workmen engaged in the work of—**
(1) installation and maintenance of electrical machinery and conductors;
(2) manufacture and assembling of main switchboard parts, and the erection of main switchboards, including rheostats, controllers, contactors and brush gear (excluding the winding of coil in all cases);
(3) manufacture of parts of commutators and collectors;
(4) toolmakers, making tools for use in connection with the manufacture of any of the instruments or apparatus mentioned above.

A 291. **Workmen employed by a firm of engine boiler and machinery merchants, and engaged wholly or mainly in the work of dismantling, breaking up, removal and re-erection of engines, boilers, and all kinds of machinery and plant.**

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A 292. Workmen engaged in the work of making underframes, trucks and steel wagons.

A 297. Workmen engaged in the work of making by machine or hand tools for steel presswork, or for drawing or manipulating steel tubes.

B 298. *Workmen engaged wholly or mainly in the work of preparing paving-stones for footpaths and setts for carriage-ways.*

A 299. Workmen engaged in the work of making cast-iron moulds, fitting and turning same for use in the manufacture of glass bottles, stoppers, &c.

A 300. Workmen employed at a hearth furniture and fancy brass foundry, and engaged wholly or mainly—

(1) in making mechanical tools;
(2) in ironfounding.

A 303. Workmen engaged in the manufacture of weighing machines of a kind not commonly used in the retail trade. (*See also* decision A 1358.)

***A 304.** Workmen employed on dredgers or on vessels conveying away materials excavated by the dredgers, who are engaged in the work of dredging for new harbours, docks or channels, or in work the primary purpose of which is to deepen existing harbours, docks or channels.

***B 305.** *Workmen engaged in work the primary purpose of which is maintenance of harbours, docks and channels.*

A 306. Labourers, including skilled labourers, employed in the various departments of His Majesty's Dockyards, and engaged wholly, or mainly in assisting in the work necessary for the carrying on of any of the trades mentioned in the Sixth Schedule of the National Insurance Act, 1911, other than those excluded by general decisions of the Umpire applicable to these trades.

A 307. Workmen employed by the Medical Department of the Admiralty, and described as

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* *See also* Special Exclusion (Dredgermen, &c.), Order, 1913, p. iv.

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electrical fitters, who are engaged in the work of general repairs of electrical machinery.

A 309. Workmen employed at a dye works, and described as painters engaged in painting the works buildings.

A 312. Workmen engaged in the manufacture of stone-crushing machinery.

A 314. Toolmakers engaged in the work of making or repairing tools used in the manufacture of safes and strong rooms.

A 315. Workmen engaged in the work of making boilers for the purpose of generating steam either for power or heating.

A 319. All labourers employed in mechanical engineering establishments who are engaged in work in connection with any manufacturing process carried on, including the general shop labourers.

A 320. Workmen, their helpers and labourers, employed in steel foundries, and described as follows:—

Moulders, coremakers, dressers, annealers, including also workmen in machine shops in connection therewith.

This decision supersedes decision **A 89.**

A 321. Workmen engaged in the work of building upon the site bridges, gasholders and tanks, and the preparation of the material for such on the site or in a constructional yard or shop.

A 322. Workmen engaged in the manufacture of textile machinery and parts thereof, whether made in a textile machinery factory or workshop, or in factories or workshops where the trade is carried on as a separate industry.

A 323. Workmen described as mechanical engineers, fitters, turners, &c., and engaged in making boring machines, coal washing machinery, disintegrators, &c.

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A 324. **Workmen engaged in the work of making and setting press tools to be used in the manufacture of steel pens and metal stampings.**

A 326. **Workmen employed by a firm of dyers and cleaners, and described as electricians engaged in the fixing and upkeep of the electric lighting and heating plant in the works.**

B 327. *Workmen employed at dye works, and described as—*

(1) *Gas engine and well pump hands who are engaged wholly or mainly in attending producer plant and well pump, and driving gas engine;*

(2) *Barbe machine hands who are engaged wholly or mainly in loading and unloading machines used in the process of cleaning.*

A 330. **Workmen employed by flour millers, and described as follows:—**

Electricians who are engaged in work which consists wholly or mainly in the maintenance and repair of electrical machinery and conductors;

Carpenters and joiners engaged in work which is wholly or mainly connected with the construction or repair of fixtures of wood in the mills.

A 332. **Workmen employed by a firm of motor car manufacturers and general engineers wholly or mainly by way of manual labour, and engaged in the work of testing motor cars built by the company, and doing adjustments and repairs to the same.**

B 333. *Workmen engaged by a firm of contractors, and described as engineers' chainmen.*

B 334. *Workmen engaged:—*

(1) *In the work of excavating and loading sand (not being engaged in excavation forming part of a work of construction);*

(2) *As boatman in attendance on vessels, laying and shifting moorings.*

A 335. **Workmen employed by the Admiralty, and engaged wholly or mainly in the work of testing torpedoes.**

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A 336. Workmen employed by a firm of plate and sheet glass merchants and engaged in the work of fixing plate and sheet glass into buildings.

A 337. Workmen employed in a mechanical engineering establishment, and described as follows:—Saw hammerers; saw sharpeners; knife, tool and cutter grinders; gasfitters; oilers of shafting; gas producer men; lime washers; pump fitter; belt attendants and strap piecers; pattern makers; makers of press tools; machinery testers (if employed wholly or mainly by way of manual labour); machinery painters.

A 339. Workmen employed in the installation of machinery into boats.

B 340. *Workmen engaged in the work of demolition of iron and wooden ships, and the crane drivers assisting them.*

A 341. Workmen employed in a mechanical engineering establishment wholly or mainly by way of manual labour, and engaged in the work of:—

(1) Engine testers (bench test of engine prior to being erected in chassis);

(2) Car testers (finally testing engines after erection in chassis).

A 342. Toolmakers employed in the tool department of a firm of electrical engineers, and engaged in the work of making tools used in the manufacture of telephone apparatus.

A 343. Toolmakers and machine setters employed in connection with the manufacture of electric light accessories.

A 346. A tester of machinery employed wholly or mainly by way of manual labour.

A 348. Workmen employed by a firm of restaurant utensil manufacturers and nickel platers, and engaged in the work of fixing ranges and steam boilers.

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A 349. Workmen employed at iron works, and described as follows:—

(1) Roofer and assistant, maintaining and repairing roofs and guttering, painting and glazing in connection with the iron works;

(2) Brass caster and assistant engaged in the preparation of castings for bearings in machinery used for rolling iron;

(3) Electricians engaged in the maintenance of electrical machinery and wiring for lighting.

A 350. Workmen engaged in the work of:—

(1) Lime washers, repairers of buildings, painting, &c.

(2) Labourers attendant on the same.

A 351. Workmen (including women on hand and power press), toolmakers and labourers engaged in work in connection with the manufacturing process carried on, and general shop labourers, who are employed in making pressings and stampings out of cold rolled steel of essential parts for cycles, such as cycle frame and handle bar lugs.

*A 353. (a) Workmen, male and female, who are engaged in the manufacture of bright steel nuts, bolts and screws, &c., wholly or mainly for use as parts of cycles or motor cycles;

(b) Workmen, male and female, who are engaged in the manufacture of steel and metal balls for bearings;

(c) Workmen, male and female, who are engaged in the manufacture of ball and roller bearings;

(d) Toolmakers.

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* This decision was modified by decision B 1493, which was to the effect that contributions were not payable in respect of workmen (other than toolmakers and toolsetters) who, not being employed in factories or workshops which are carrying on any insured trade, are engaged wholly or mainly in the manufacture of bolts, nuts, screws or rivets. *See also* decision A 1565X.

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B 355. *Workmen employed by a firm of carpet warehousemen, cabinet makers and upholsterers, and engaged wholly or mainly in :—*

* * * * * * *

(2) *Laying carpets and floorcloths at customer's house;*

(3) *Polishing goods for stock and repolishing goods for customers;*

(4) *Putting up inside and outside blinds.*

A 356. Workmen engaged in the work of painting machines when finished by erectors.

A 357. Workmen employed by the Admiralty, and engaged wholly or mainly in the work of :—

(1) Moulding in iron foundry.

(2) Pattern-makers in iron foundry.

B 358. *Workmen who are engaged :—*

(1) *In cutting sheets of glass for customers;*

(2) *As van men delivering goods.*

A 360. Workmen employed by a firm of manufacturers of sanitary fittings, and described as follows :—

(a) Bricklayers and labourers engaged in excavating and making manholes in connection with the installation of sanitary fittings;

(b) Carpenters engaged in keeping plant and fixtures in repair;

(c) Pattern-makers for the iron foundry;

(d) Joiners' shop hands who are engaged in making closet seats and cabinet enclosures for lavatories;

(e) French polishers of woodwork;

(f) Terracotta fixers and tile fixers;

(g) Plumbers and plumbers' mates fixing sanitary fittings in houses.

A 361. Workmen employed by a firm of manufacturers of sanitary fittings, and described as :—

(1) Labourers in the iron foundry, fetching and carrying, &c.

(2) Core makers.

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A 370. (1) Workmen engaged wholly or mainly in the work of making essential parts for motors or cycles, such as carburettors;

(2) Toolmakers.

A 372. Workmen employed in drop forging establishments, and engaged:—

(1) In the manufacture of forgings which are wholly or mainly for use as parts of products of a mechanical engineering, ordnance or firearms, or vehicle-building establishment;

(2) As toolsmiths, making tools;

(3) As bricklayer and bricklayer's labourer erecting and repairing buildings.

A 374. Workmen engaged in the construction, reconstruction, or alteration of blast furnaces, lime and brick kilns, gas retorts, chemical and electrolytic plant.

***A 375.** Workmen described as stone carvers, who are engaged wholly or mainly in the work of carving figures and architectural ornament in stone for the decoration of buildings.

A 376. Workmen employed by a firm of tile manufacturers, and engaged in the work of fixing tiles on walls and floors.

A 377. Workmen employed by a firm of calico printers, and engaged in work as . . . . (2) pipe fitters on buildings or machinery.

A 380. Workmen engaged in the work of fixing dinner and goods lifts in buildings.

A 381. Workmen engaged as sandpaperers and French polishers in the work of manufacturing fittings of wood of a kind commonly forming part of the construction or decoration of buildings, ships, boats, or other craft, or vehicles.

B 382. *Workmen employed by harbour commissioners in the navigation of public ferries, and engaged in the work*

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* *See* Special Exclusion (Stone Carvers and Sculptors) Order, 1913, p. v.

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of officers superintending or navigating dredgers, and not employed wholly or mainly by way of manual labour.

A 383. Workmen engaged in the work of repairing:—
(1) Ships' boats or other craft, not being usually members of a ship's crew;
(2) Vehicles, such as carts and wagons.

A 386. Workmen engaged in the work of manufacturing metal gear cases and petrol tanks for cycles and motor cycles.

A 388. Workmen engaged in the manufacture of essential parts of cycles, or other vehicles or machines, such as lugs for cycle frames, chains and chain wheels, cranks, hubs and brakes for cycles, or other vehicles or machines.

A 389. Workmen engaged in the work of making chimney-pieces:—
(a) in enamelled slate;
(b) in wood.

B 390. *Workmen employed by a firm of steam plough and threshing proprietors, and engaged in cultivating land by steam ploughs, and threshing corn by machinery, and not engaged in repairing machinery.*

A 391. A joiner employed in a jute factory, and described as engaged in carrying out repairs to woodwork in connection with textile machinery.

A 393. Workmen employed by a firm of contractors, and engaged in the generation and distribution of electrical power for the purpose of works of construction.

A 395. A workman employed by a shipbuilding and engineering company, and engaged in the work of repairing and keeping in working order all belts in the engineering shops.

B 406. *Workmen employed by water companies, and engaged in work as:—*
(1) *Waste water inspectors;*
(2) *Waste meter inspectors and their assistants;*
(3) *Mixing lime for water softening;*
(4) *Cutting grass.*

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A 407. Workmen employed by a gas company, and described as gas fitters, who are engaged wholly or mainly in the work of piping customers' houses and repairing for escapes of gas.

A 408. Workmen employed by a firm of engineers and engaged in the work of cutting and preparing leathers for pumps and other machinery.

A 411. Workmen, their assistants and labourers, employed in mechanical engineering establishments (including boilermaking establishments), and described as follows:—Angle-iron smiths, platers, rivetters, caulkers, holders-up, boilermakers, or ironworkers' machinemen.

B 412. *Workmen engaged in the work of washing and screening small coal.*

A 414. Workmen employed by a firm of interlocking signal makers, and engaged:—

(1) As smiths and hammermen on iron for signal work;

(2) As fitters and mates preparing locking and all connections to signal work;

(3) As machinists, turning, drilling, milling and shaping;

(4) As carpenters, repairing buildings, boxing in and fixing wires.

A 417. Workmen engaged in the work of fixing metal window frames.

A 418. Workmen employed by a firm of whitesmiths and hot water fitters and engaged in repairing ranges in buildings, hot water apparatus, fixing and repairing spouting, fixing girders to buildings.

A 419. Workmen described as sprinkler erectors . . . .

B 420. *Workmen employed in the gas department of a city council, and described as follows:—Turncocks . . . . ; painters, painting gas-holders . . . . ; labourers employed at times to test pipes and taps; pressuremen, who take records of the pressure of gas in the mains. . . .*

A 422. Workmen engaged in turning the arms or ends of axles for use in horse-drawn

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vehicles, drilling hole in ends and fitting cotter pin or screwing ends and fitting nuts.

†[**A 425. Gaugers, markers-off, inspectors, examiners, viewers and checkers in mechanical engineering establishments who are employed wholly or mainly by way of manual labour, but** *are not payable* **in respect of gaugers, markers-off, inspectors, examiners, viewers and checkers in mechanical engineering establishments who are not so employed wholly or mainly by way of manual labour.**]

B 426. *Workmen employed in the installation of telephones.*

B 427. *Brake adjusters employed by railway companies to examine and adjust brakes of rolling stock, and not employed wholly or mainly in the construction or repair of vehicles.*

A 428. Workmen employed in nut and bolt works:—

(1) in work described as looking after the machines, and partly in making taps and dies for use in the machines, and carrying out slight repairs;

(2) as tap turners, drill filers and millers employed in the making of taps and dies for use in tapping and screwing machines.

A 432. Workmen engaged wholly or mainly in the manufacture of bicycle chains, carburettors, square head screws for cycles or motors, or other essential parts for cycles or motor-cycles.

A 433. Workmen described as:—

(1) Slaters employed in the maintenance of the slate work of a textile works;

(2) Electricians and wiremen employed in the installation and maintenance of electrical machinery or wiring for electric lighting and power;

(3) Masons if employed wholly or mainly in the upkeep and maintenance of buildings.

B 434. *Workmen employed in textile mills, and described as:—*

* * * * * * *

(2) *Flat mechanics, generally superintending and not repairing machinery;*

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† This decision is not now operative. *See* decision A 750.

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(3) *Machine cleaners, whilst employed wholly or mainly in cleaning machinery;*
(4) *Switchboard attendants employed wholly or mainly in attending to switchboards, and not employed wholly or mainly in maintenance and repair of electrical machinery and conductors.*

A 435. Workmen employed in the manufacture of threshing machines (including sawmilling and all woodwork connected therewith).

A 436. Workmen employed in the manufacture of lawn mowers (including sawmilling and all woodwork connected therewith).

A 438. Workmen employed by a firm of flexible metallic tubing manufacturers, and described as engaged:—

(1) In making and repairing the corrugators;
(2) As fitters, turners and their labourers who are engaged in building tube-making machines and in upkeep of machinery;
(3) As engineers' turners who make special connections in brass, gun metal and iron;
(4) As special men employed in setting up automatic and turret lathes;
(5) As tool-makers;
(6) In fitting the connections to flexible metallic tubing (used principally for steam and hydraulic pressure, oil and gas purposes).

A 440. Workmen engaged in laying asphalte and bitumen on the foundations and roofs of buildings, coating the walls, &c.

A 448. General sheet metal workers and coppersmiths employed wholly or mainly in the manufacture of tin rollers for spinning mules, copper rollers for drying machines, petrol tanks and motor bonnets.

A 449. Workmen described as press tool makers and sharpeners.

A 452. Tool sharpeners employed in tramways department of a local authority.

A 453. Workmen described as fitters, smiths and lathe hands working at small machines in tramway companies' shops, drilling and

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turning, boring and fitting parts required for supplying men repairing vehicles.

B 454. *Workmen employed by a local authority, and described as truckmen employed in the tramways department examining trucks and brakes.*

A 456. Workmen employed in the manufacture of water meters.

A 457. Workmen employed in the manufacture (founding and finishing) of large valves for bulk supplies of gas and water.

A 458. Workmen engaged in the manufacture of lace-making and lace-finishing machines and parts thereof (including warping and winding machines and card punching presses), whether made in a textile machinery factory or workshop, or in factories or workshops where the trade is carried on as a separate industry.

Note.—The word "parts" includes bobbins, bobbin carriages, combs, jacquards, droppers, boxes, &c. (*See also* decisions **A 1232, A 2192X and A 2305X.)**

A 459. Workmen employed by timber merchants owning or working sawmills who are engaged in the manufacture of machine joinery work or other machined wood work for use in carrying on any of the trades set out in Schedule VI. of the National Insurance Act, 1911.

†B 460. (1) *Workmen employed at collieries who are engaged wholly or mainly in the work of inspecting and adjusting the electrical installation.*

(2) *Workmen employed at collieries who are engaged in sinking operations.*

* * * * * * *

(4) *Workmen described as colliery carpenters and colliery joiners, and their assistants, who are not engaged wholly or mainly on buildings.*

* * * * * * *

(6) *Colliery masons, bricklayers, painters, plumbers, and their labourers, who are engaged wholly or mainly in maintaining at the collieries colliery plant and works (other than buildings).*

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† This decision has been modified by decisions A 1260, A 1262. *See also* decisions A 1401 and B 1961.

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(7) *Workmen engaged at collieries in the work of keeping in order pit tubs and trams at the collieries.* (See also decision A 1827X.)

A 461. Workmen described as machine erectors engaged in the bolting together of imported harvesting machines.

A 462. Workmen engaged in the work of scaling, red-leading and painting ships.

A 465. Workmen employed by railway companies, and described as follows:—

1. Employees in Mechanical Engineering Works of Railways.

Beltmen.
Boilermen (attendants).
Boiler plasterers.
Boilersmiths—
  Boiler platers.
  Caulkers.
  Girder platers.
  Helpers.
  Light platers.
  Markers off.
  Patchers.
  Plate levellers.
  Rivetters.
  Template makers.
Boiler washers.
Bolt and nut makers.
Brake fitters.
Brass finishers on loco. and general work.
Braziers.
Bricklayers.
Cupola men in iron foundry.
Carpenters.
Case hardeners.
Coppersmiths.
Crane drivers.
Cranemen.
Die sinkers.
Drillers, hand.
Drillers, pneumatic.
Drop forgemen.
Dynamo attendants.
Electric fitters and assistants.
Electric linesmen in works.
Electric machinery (men engaged in the manufacture and repair of).
Electric wiremen.
Enginemen (stationary).
Erectors and fitters.
Erectors and fitters' assistants.
Erectors, tender.
Excavators.
Fencemakers.
File cutters.
Fire lighters.
Fitters.
Flangers.
Furnacemen and assistants in insured trades.
Furnacemen and door boys in insured trades.
Gas engine drivers.
Gas fitters.
Gas welders.
Gland packers.
Grinders.
Hammer drivers (smiths).
Holders up.
Joiners.
Joint makers.
Labourers.
Ladle men in insured trades.
Locksmiths.
Machine men.
Masons.
Metallers, white.
Metal polishers.
Millwrights.
Moulders, brass and steel.*
Moulders, brass washers.*
Moulders, chair.*
Moulders, coremakers.*
Moulders, dressers.*
Moulders, iron.*
Moulders, machine.*
Painters.

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* Employed on loco. and general work.

DECISIONS OF THE UMPIRE.

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Patternmakers.
Pipe benders.
Pipe joiners.
Plasterers.
Plumbers.
Points and crossings fitters.
Rivet heaters.
Rivetters, hydraulic.
Rivetters, machine.
Rolling mill roll turners and assistants.
Sash makers.
Saw sharpeners.
Scaffolders.
Shaft oilers.
Slaters.
Slingers and riggers.
Smiths.
Smiths, angle iron.
Stampers.
Stay manufacturers.
Strikers.
Tinsmiths.
Tool fitters and toolsmiths.
Traverser drivers.
Tube examiners.
Tube preparers.
Tubers.
Turners, wheel.
Turners, wood.
Tyresmiths.
Water fitters.
Wood sawyers.

2. Employees in Carriage and Wagon Works of Railways.

Boilermen.
Boilersmiths and assistants.
Belt makers.
Bolt and nut makers.
Bolt and rivet heaters.
Brake erectors.
Bricklayers.
Buffermen.
Cabinet makers.
Capstanmen.
Carpenters.
Carriage makers.
Case hardeners.
Coach body makers.
Coach finishers.
Coppersmiths.
Drillers, iron, hand.
Enginemen, stationary.
Fitter and assistants.
Fitters, carriage, and assistants.
Fitters, gas, and assistants.
Fitters, electric, and assistants.
Frame builders or erectors.
Glaziers.
Grinders.
Hoopstick benders.
Horsebox builders.
Joiners.
Labourers.
Lacquerers.
Lifters.
Lining sewers and seamstresses.
Machinemen, iron.
Machinemen, wood.
Markers out (men who mark from templates the timbers required for vehicles).
Millwrights.
Moulders, iron.
Oilers.
Painters.
Patternmakers.
Plasterers.
Plate levellers.
Plumbers.
Polishers (including women).
Punchers.
Rivetters, hydraulic.
Rivetters, machine.
Roof repairers, coach.
Saw sharpeners and hammerers.
Sawyers.
Shearsmen.
Slaters.
Smiths.
Spoke renders.
Stampers.
Steam hammermen.
Strikers.
Tailors.
Tinmen.
Tool fitters and toolsmiths.
Trimmers, coach.
Trimmers, leather.
Turners, wood and iron.
Water fitters.
Wheel turners.
Wheelwrights.
Wood wagon builders.

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3. Employees Engaged in the Repair of Steam and Other Vessels in Railway Companies' Workshops.

Boilermakers.
Bricklayers.
Carpenters.
Fitters.
French polishers.
Joiners.
Labourers incidental to trades.
Machinemen.
Masons.
Patternmakers.
Platers and angle iron smiths.
Plumbers.
Sawyers.
Painters.
Rivet boys.
Shore gang.
Smiths.
Strikers.
Turners.
Workmen engaged in repairs to barges.

4. Employees engaged in dredging harbours or entrances to harbours.*

All men engaged on new work of construction or re-construction.

5. Employees engaged in connection with docks.*

All men engaged on new work of construction or re-construction.

6. Employees engaged in the engineering department of canals.*

All men engaged on new work of construction or re-construction.

B 467. *Workmen employed at a slate quarry, and engaged in the work of getting, making, or inspecting slates.*

A 468. Workmen engaged in the work of erecting and pulling down wooden buildings for the Bath and Counties Show.

B 469. *A workman employed by a colliery company, and described as a colliery carpenter and joiner, who is engaged in making and repairing air doors, roller frames, &c., for underground use and doing other work at the colliery, and not engaged wholly or mainly on buildings.*

A 470. Workmen engaged in the manufacture of hosiery and knitting machinery (including seaming and linking, button-holing and overlocking machines), and parts thereof, whether made in a textile machinery

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* *See* decisions A 304 and B 305 and Special Exclusion (Dredgermen, &c.) Order, 1913, p. iv.

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factory or workshop, or in factories or workshops where the trade is carried on as a separate industry.

Note.—The word "parts" includes jacks, combs, sinkers, &c. (*See also* decision A 2191X).

B 471. *Workmen employed by a firm of electrical engineers, and engaged wholly or mainly in the work of telephone wiring . . . .*

B 473. *Workmen employed at collieries, and engaged in pit sinking.*

B 477. *Workmen employed by the Army Ordnance Department, and engaged in the work of custody and examination, &c., of small arms.*

A 478. Workmen engaged wholly or mainly in fixing locks on doors.

A 479. Workmen employed by a locomotive company, and engaged wholly or mainly as erectors, toolfitters, fitters, boiler mounters, machinists, iron and brass turners, iron and brass finishers, template makers, grinders, polishers, smiths, rivet, bolt and nut makers, die sinkers, electric welders, rivetters, holders on, platers, caulkers, flangers, punchers, rivetting machinemen, iron moulders, iron dressers, brass moulders, brass dressers, electricians, pattern-makers, joiners, wood turners, wood sawyers, glaziers, gas fitters, plumbers, bricklayers, riggers, slaters, beltmen, coppersmiths, tinsmiths, painters, hand drillers, *forgers, *forgers' underhands, furnacemen, strikers, hammer drivers, rivet heaters, boilermakers' helpers, tubers, screwers, centerers, sawyers (iron), tappers, lappers, gas furnacemen, asbestos sewers, cranemen, slingers, testers, casehardeners, boys (message) (in works, over 16 years of age), labourers, millwrights, firemen, hydraulic men, oilers, lamp trimmers.

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* If not in a separate forging establishment. (*See also* decision A 1641X.)

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A 481. **A workman employed at iron, steel and coke works, and described as a roll turner, who is engaged in machining rolls used in the manufacture of steel billets and sectional bars.**

B 482. *Workmen employed at a slate quarry, and engaged in making slates and in removing rock or rubbish.*

A 484. **Workmen employed by an alkali company, and engaged in threading and flanging iron water and steam pipes, and jointing same, incidental to manufacturing chemicals.**

A 486. **Workmen employed at an ironworks, and described as follows:—Fitters, fitters' labourers, rivetters, blacksmiths, strikers, if employed wholly or mainly in the maintenance and upkeep of machinery. Joiners, if employed wholly or mainly in the maintenance and upkeep of buildings or machinery, including fixed woodwork connected therewith. Moulders (iron or steel).**

B 488. *Workmen employed by an electric supply company, and described as follows:—*
(1) *Boiler cleaners;*
(2) *Crane attendant;*
(3) *Coal labourer;*
(4) *Coal meter;*
(5) *Fireman.*

A 489. **Workmen employed by an electric supply company, and described as follows:—**
(1) Electrical fitters, employed wholly or mainly in repairs to electrical machinery and switches;
(2) Pattern makers*;
(3) Boiler fitters and their labourers, repairing boiler and heater plant;
(4) Wiremen and wiremen's labourers (if employed mainly in connection with the installation and repairs of machinery and power conductors in buildings);
(5) Boiler and pipe coverers;
(6) Engine fitters, engaged in dismantling, repairing, and erecting engines.

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* Decision A 489 (2) has been modified by decision B 1138. (*See* decision A 1965X and note thereto.)

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A 490. Workmen employed by a firm of plumbers, heating engineers, glaziers, and iron pipe fitters, who are employed in erecting pipes for dust extraction in the card room of spinning mills, and in the installation of pipes for heating.

A 491. Workmen employed by a firm of safe makers, and described as:—

(1) Toolmakers making jigs, presses, and cutting tools;

(2) Workmen employed in erecting steel curtains on the site.

A 492. Workmen engaged in the work of making railway locomotives, and described as follows:—

Boiler and tender makers.
Brass finishers.
Brass moulders.
Coppersmiths.
Erectors.
Fitters.
General labourers in the works.
Grinders.
Iron moulders.
Joiners.
Machine workers.
Painters.
Pattern makers.
Smiths.
Turners.

A 493. Workmen employed at a boat yard in repairing boats which are used entirely for dredging and other purposes in connection with the maintenance of canals.

B 494. *Workmen employed by a railway company in the ordinary maintenance of canals, such as banksmen, lengthsmen, hedge-trimmers, &c.*

A 495. Workmen employed by a manufacturer of adding machines, and described as follows: —Assemblers, straighteners, toolmakers, turners, milling machine hands, capstan lathe hands, automatic screw machine hands, power press operators, enamellers, platers and polishers, steel carbonisers and

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hardeners. Drilling machine hands, filers up and grinders, labourers, inspectors (if engaged wholly or mainly by way of manual labour). Cleaners, if engaged wholly or mainly in connection with the manufacture or repair of adding machines.

A 496. Workmen engaged in the work of:—

(1) Shrinking tyres on and hammering down tyres on wheels for railway vehicles;

(2) Axle turners for railway vehicles.

A 501. Workmen employed by a firm of screw-makers, described as follows:—Screw turning and worming machine fitters, screw heading machine tool setters, wire goods automatic machine fitters, wire goods hand machine fitters, die shop machinists and tool makers, die shop hardeners, cutters, turners and saw makers for turning and worming machines, spindle die fitters, wire goods machine tool makers, odd shop grinders, mechanics setting automatic machines for making screws, nuts, &c., gas and water fitters, engaged wholly or mainly in erection and repair of pipe work, copper and pipe smiths and assistants, engaged wholly or mainly in the repair of services in connection with machines, turners and fitters of engineers' ratchet braces.

A 502. Workmen engaged wholly or mainly in the manufacture of small motor parts, such as petrol taps, compression taps, drain taps, unions, drip-feed lubricators, petrol gauges, filters, &c. Workmen employed in:—

(1) Turning, drilling, screwing and milling brass parts on capstan lathes and other machines;

(2) Making and maintaining the necessary tools for the above operations;

(3) Polishing, plating and assembling fittings;

(4) Gauging, testing, and examining (if employed wholly or mainly by way of manual labour).

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B 503. *Workmen engaged in the work of deal porters employed on a timber pond.* (*See also* decision A 2128X.)

A 504. **Workmen engaged in writing signs on buildings, ships or vehicles.**
This decision is intended to modify decision B 67.

A 505. **Workmen engaged in erecting all classes of steel chimneys and steel bunkers, &c.**

A 506. **A workman described as a marble mason, working on his employer's premises and making marble basins, &c., to fit into barbers' premises.**

A 507. **Workmen employed by a firm of manufacturers of railway signals and safety appliances, and described as follows:—**

(1) Fitters and labourers wholly or mainly engaged in making wrought iron lattice posts of railway signals.

(2) Fitters and machinists engaged in making small tools, jigs, gauges and templates for use in the manufacture of railway signalling apparatus.

(3) Smiths and strikers wholly or mainly engaged in repairs and additions to small tools, not being machine tools, used in the manufacture of railway signals and safety appliances.

(4) Machinists engaged wholly or mainly in making screws and pins for use in:—
  (a) the manufacture of railway signalling apparatus;
  (b) the manufacture of small compressed air hammers and drills.

(5) Workmen engaged in case hardening steel castings and iron forgings.

(6) General labourers loading and unloading and stacking materials, and general labour in open and covered yards.

(7) Carpenters, joiners and labourers when employed wholly or mainly in repairs or additions to buildings, or in making fittings of wood of a kind intended to form part of the structure of buildings or fixtures in connection with railway signalling installations.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

(8) Sawmill machinists and labourers engaged wholly or mainly in preparing timber to be used by any of the workmen mentioned above.
(9) Belt repairers.
(10) Shafting oilers.
(11) Workmen employed in the erection of signalling installations on railways or tramways.
(12) Painters.
(13) Drop stamp forgers and steam hammer forgers.

A 509. Workmen employed by the Congested Districts Board for Ireland, and engaged in:—
(1) Erection, repair or demolition of buildings.
(2) Making new roads.
(3) Construction of bridges, piers and boat slips.
(4) Boat-building.

A 511. Workmen employed by a firm of wheel and axle manufacturers, and engaged in:—
(1) Turning axles.
(2) Turning rolls.
(3) Labourers unloading pig iron, &c., for iron foundry.
(4) Welding spokes and centres, and punching boss lump.

A 512. Workmen employed by a firm of cycle manufacturers, and described as:—
(1) Persons employed wholly or mainly in making from stampings, castings and bar steel, small essential parts of cycles such as ball races, spindles, hubs, &c.
(2) Persons brazing, filing, polishing, nickel-plating cycle frames, parts, &c.
(3) Machinists.
(4) Enamellers of tubes for cycle frames.
(5) Persons spoking cycle wheels, tightening spokes, nipples and washers, and adjusting wheels.
(6) Persons assembling parts and cycles.
(7) Persons lining cycle frames.
(8) Annealers, hardeners and the like.
(9) Tinmen making gear cases.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

(10) Gas engine driver.

(11) Charge hands over platers, polishers, enamellers and the like, if employed wholly or mainly by way of manual labour.

(12) Painters of tradesmen's carriers, &c., and signs thereon.

(13) Labourer stoking fire, &c., and general labourers in the shops.

A 513. Workmen employed by a firm of cycle and motor accessory makers, and engaged in work as die sinkers and tool setters.

*[**A 514.** Workmen employed at ordnance works, and engaged in the manufacture of fuses (exclusive of filling) for use in connection with artillery ammunition.]

A 516. Workmen employed by a firm of electrical engineers, and engaged:—

(1) In the manufacture and assembling of main switchboard parts. (*See also* decision A 984);
(2) In fixing pipes for petrol or acetylene gas in buildings;
(3) As foremen employed wholly or mainly by way of manual labour;
(4) As electricians, and wiremen, running wire, tubing, &c., in buildings.

A 520. Workmen engaged:—

(1) In all the various processes required for making motor vehicle frames and parts;

(2) In making steel tools for the machinists, filers, chippers in above.

A 523. Workmen engaged in the work of carriage straighteners, straightening the carriage to ensure an upright position in the machine.

A 526. A workman employed by a firm of laundry engineers, and engaged in the work of repairing outdoor wringing machines (not being small domestic wringing machines).

A 527. Persons engaged in making dies for the extrusion of copper zinc alloys.

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* This decision is not now operative. *See* decision A1521.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

*[**A 531.** Workmen employed by a firm of alkali manufacturers, and engaged as block and fall men preparing erection of machinery.]

A 533. Workmen engaged in the work of making piston rings for engines.

A 534. Workmen employed by a firm of gas engine makers, and described as:—

(1) Patternmakers in iron (including steel) foundry;
(2) Sheeters;
(3) Workmen repairing steam boilers;
(4) Boilermakers.

A 538. Workmen employed at chemical works, and described as fitters and their assistants, if employed in connection with buildings or machinery.

A 540. Workmen employed by a firm of steel wheel manufacturers, and described as:—

(1) Wheel pressmen mounting wheels on axles.
(2) Workmen engaged in machining wheels.
(3) Overhead crane driver, assisting machine men.
(4) Labourers—
  (a) Painting and stencilling, &c.
  (b) Testing and stamping wheels.
  (c) Cleaning axles preparatory to mounting wheels.

A 542. Workmen employed at steel works, and engaged in the millwrights' department.

A 545. Workmen employed at salt works, and described as:—

(a) Coppersmiths, shipwrights' fitters, blacksmiths (not being usually members of a ships' crew), repairing river craft or their engines, &c.
(b) Carpenters, painters, lifters, blacksmiths, drillers, repairing wagons and vans.
(c) Rivetters and drillers (not being usually members of a ship's crew), repairing and renewing boilers of steam flats.

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* This decision is not now operative. *See* decision A 675.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

(d) Brass moulders, remoulding wagon and engine brasses, craft and land engine valves.

(e) Wheelwrights, turning up wagon wheels.

A 548. A workman, described as a gasfitter, fixing and running gas pipes and fittings in buildings. (*See also* decision A 1315.)

A 549. Workmen engaged in the work of reconstruction of the rubble mound of Holyhead Breakwater.

A 551. Persons employed in the work of laying composition flooring in buldings.

A 553. Workmen engaged in the manufacture of fluted rollers used as parts of textile machinery, including the processes of turning, fluting, drilling, squaring, pegging, &c.

A 554. Workmen engaged in the erection of fittings and iron divisions in stables, cow-sheds and other farm buildings, and of mangers of concrete and glazed earthenware, including the fixing of woodwork connected therewith.

***B 556.** *Workmen employed in the scaling of all types of stationary boilers, economisers, &c., by means of pneumatic tools, or by hand.*

A 557. Workmen described as weighing machine fitters, engaged in fitting bearings and knife edges in weighing machines (of a kind not commonly used in the retail trade), and erecting and adjusting same. (*See also* decision A 1358.)

B 564. *Workmen employed by a firm of dyers and cleaners, and engaged wholly or mainly in the work of fitting up and wiring smoothing irons, &c.*

†B 565. *Workmen described as lath renders and fret lead glazers, who do not fit to buildings.*

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* *See also* decision A 749, and paragraph 16, page vii, with reference to the question of munitions work.

† This decision has been modified by decision A 798.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 567. Workmen employed by a firm of manufacturers of office apparatus, and described as:—
(1) Press tool makers engaged in making or repairing press tools for stampings in connection with office apparatus.
(2) Engineers' turners and machinists.

A 570. Workmen engaged in the construction, reconstruction or alteration of coke ovens or bye-product plant.

"Alteration," in the opinion of the Umpire, relates to work which involves a substantial change or variation in the original design.

B 572. *Workmen employed by a town council, and engaged in:—*
(1) *Making dust baskets;*

* * * * * *

(3) *Making ordinary brick-lined graves.*

B 573. *Workpeople employed by the Ordnance Survey Office, and engaged in the work of sinking pits for the purpose of setting a bench mark in concrete.*

A 574. Workmen described as boiler and steam pipe coverers, and engaged in the work of applying non-conducting material to steam boilers and steam pipes for preventing loss of heat by radiation.

A 576. Workmen employed in shipbuilding yards, and described as follows:—

Workmen employed in or about shipyards, and engaged in the construction, alteration, repair or decoration of ships, boats, or other craft, not being usually members of a ship's crew.

Scrap gatherers.
Bolt screwers.
Block makers.
Pipe coverers.
Bellow menders.
Labourers engaged wholly or mainly in assisting in the work necessary for the carrying on of the trade of ship building.
Divers.
Rafters.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

Coal dischargers—

(a) Discharging coal for general consumption in the shipyards.

(b) Bunkering ships for trial runs.

A 578. **Workmen employed by cement manufacturers, and engaged in the work of engine drivers, stokers, and machinery attendants, driving, &c., engines and machinery used wholly or mainly in connection with repair shops.**

A 582. **Workmen engaged in the making of tools and dies used for bolt, screw, and rivet making, and tools for metal stamping.**

*B 583. *Workmen engaged in taking up existing paving of street, and relaying surface of same with new asphalte and concrete.*

*B 585. *Workmen engaged in paving existing public and private roadways with granite cubes, and described as follows:—*

Foremen; labourers mixing and laying concrete, boiling pitch and tar; paviors; labourers excavating road foundations, mixing tar-macadam, &c.; night watchmen.

A 586. **Workmen engaged in the construction, reconstruction or alteration of tanks, furnaces and kilns used in the manufacture of glass.**

"Alteration," in the opinion of the Umpire, refers to work which involves a substantial change or variation in the original design.

A 588. **Workmen engaged wholly or mainly in making biers on wheels.**

†B 589. *Workmen engaged wholly or mainly in the maintenance and repair of tanks, furnaces and kilns, used in the manufacture of glass.*

A 591. **Workmen employed by a firm of engineers and mill furnishers, and described as bench hands working with hammer and chisel.**

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* *See also* decision A 1145.

† *See* paragraph 16, page vii, with reference to the question of munitions work.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 594. Workmen employed at forge, rolling mill and steel works, and described as follows:—

(1) Workmen employed in the motor frame department, shearers, pressmen, chippers, smiths, rivetters, planers, dressers;

(2) Workmen employed in flanging shops, flangers, welders, labourers, if engaged in a process of mechanical engineering (including boilermaking).

A 597. Workmen engaged in coach smithing, tyre smithing, axle repairing, wheel making and repairing.

A 600. Workmen employed by a Town Council, and described as—

(1) Water meter repairer;

(2) Gasfitter, fitting up pipes in customers' premises. (*See also* decisions A 1315, B 1316.)

B 601. *Workpeople employed by a firm of cotton driving rope and cotton mill banding makers, and engaged in rope splicing.*

A 602. Iron moulders (including machine-moulders), core-makers, iron-dressers and cupola men engaged in making castings for fenders.

A 603. Workmen employed by a firm of explosive, signal, detonator, &c., manufacturers, and described as—

(1) Carpenters engaged wholly or mainly in repairs to buildings, including wooden huts.

(2) Workmen employed wholly or mainly in tarring and touching up paintwork of buildings, including huts.

(3) Tinsmiths engaged wholly or mainly in covering steam pipes, or in repairs to huts and other buildings or to machinery.

***B 607.** *Workmen employed by the gas department of a City Council, and engaged in fixing and removing (removable) gas stoves.*

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* This decision has been modified by decisions A 1315 and B 1316.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 609. Workmen employed in military railway workshops, and described as labourers assisting military blacksmith, and moulder and boilermaker.

A 617. Workmen engaged in decorating outdoor wringing and mangling machines (not being small domestic machines).

A 620. Workmen engaged as turners and tool makers, making tools and superintending use of same in machines for the manufacture of small arms components.

B 622. *Workmen described as :—*

(1) *Septic tank attendants;*

(2) *Labourers repairing river bank, cleaning out ditches, repairing roads, &c.*

A 623. Workmen engaged—

(1) In making dies, tools and taps for nut, bolt and spike industry.
(2) As turners and shapers of same.

A 625. Workmen employed at a constructional steel works, and engaged in—

(1) Rigging, erecting and dismantling building and repair work, mainly when climbing is necessary.

(2) Cutting girders, &c. down to exact size required for constructional work by cutting machine.

(3) General dressing of girders for structures, &c.

A 628. Workmen engaged in the preparation of the timber, and the fixing of such timber (together with other materials) to buildings, for cold storage purposes.

A 631. Workmen employed by ironfounders (common and malleable) producing castings not for use as parts of the products of a mechanical engineering establishment, and engaged wholly or mainly in fettling castings.

A 635. Workmen engaged wholly or mainly in repairing trolleys in dye works.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 636. **Workmen employed by a firm of manufacturers of bolts and nuts, joiners' cramps, vices, and other tools, steel drawers and ironfounders, and described as toolsetters.**

A 642. **Workmen described as masons engaged in chipping and grinding terra cotta blocks for buildings.**

A 643. **Workmen engaged in fixing terra cotta blocks to buildings.**

A 644. **Workmen engaged in the work of installing pipes, &c., in buildings for acetylene gas.**

A 649. **Ejector makers for sporting guns.**

B 650. *Workmen employed in fixing revolving shutters on shops.*

A 651. **Workmen assisting in the erection of ice-making and refrigerating machines.**

*__B 654.__ *Workmen employed by a canal company, and engaged in:—*

(1) *The ordinary work of repairing the canal, its locks, bridges, tunnels, &c. (other than buildings or machinery);*

(2) *Cutting hedges, clearing ditches, &c., dam driving, pumping water, ice-breaking, &c.;*

(3) *Driving engines or pumps, navigating boats;*

(4) *Acting as lockkeepers, and assisting in leak stopping, &c.*

*__B 655.__ *Persons employed by a canal company, and engaged wholly or mainly in the work of repairing the coping and walls of quays or locks, or bridges crossing the canal.*

B 657. *Workmen employed by a mining company, and described as:—*

Underground miners;
,, *labourers;*
,, *timbermen;*
,, *pitmen;*
,, *hauliers, trammers, and fillers.*

B 659. *Persons engaged in the manufacture of agricultural drainpipes. (See also* decision **A 2349X.**)

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* This decision has been modified by decision A 1534.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 660. **Iron moulders, coremakers, iron dressers, cupola men, moulders (machine) employed in an ironfoundry, and engaged in the manufacture of cast iron hollow-ware, saucepans, kettles and pots.**

A 663. **Workmen employed in a printing machinery establishment—**

(1) In punch cutting department, operating engraving machines.

(2) In matrix department, making matrices for linotype machines.

(3) In magazine escapement department, machine work and fitting and assembling.

(4) As testers and examiners, if employed wholly or mainly by way of manual labour.

(5) As operators on punching, cutting off, grinding machines and on special machines cutting channels in brass plates.

(6) As hardeners.

***B 667.** *Workmen who are employed :—*

(1) *In trimming the rough edges of glass sheets as they come out of the annealing oven, and cutting out defective portions;*

(2) *Cutting glass to the size which glaziers will require, but not employed in fixing glass in windows.*

B 670. *Workmen employed by Harbour Commissioners, and engaged wholly or mainly in the ordinary upkeep and repair of the harbour and docks (including wharves, roads, railways and appliances, but excluding buildings, machinery, ships, boats or other craft).*

A 671. **Workmen employed by Harbour Commissioners, and engaged wholly or mainly in—**

(1) The construction of a new dock.†

(2) The construction, alteration, repair, decoration or demolition of buildings.

(3) The construction or repair of machinery.

(4) The construction, alteration, repair or decoration of ships, boats or other craft (not being usually members of a ship's crew).

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* This decision relates only to glass-manufacturing establishments. *See* decision A 1270.

† *See also* Special Exclusion (Dredgermen, &c.) Order, 1913, p. iv.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 672. **Workmen employed in a buckle factory, and described as—**

(1) Machinists engaged wholly or mainly in making tools for hand and power presses for use in making braces and belts.

(2) Toolmakers, fitting and preparing same.

(3) Toolmakers, making tools for the production of wire articles.

B 673. *Workmen employed by a firm of salt manufacturers, and engaged wholly or mainly as labourers working in connection with the manufacture of salt, in loading and unloading salt or coal, removing cinders, and cleaning up.*

A 674. **Workmen employed by a firm of salt manufacturers, and engaged wholly or mainly in repairing wagons.**

***A 675.** **Workmen employed by a firm of alkali manufacturers, and engaged as block and fall men, lifting and taking down the heavy part of machinery, and otherwise preparing erections for fitters and their labourers.**

B 676. *Workmen employed by a firm of timber merchants and sawmillers as raftsmen bringing timber down the river to the sawmills.*

A 677. **Workmen employed by a firm of timber merchants and manufacturers, and engaged wholly or mainly in—**

(1) Converting any kind of timber into machined wood, sawn or shaped for the use of wheelwrights, builders or others in carrying on insured trades mentioned in the Sixth Schedule of the National Insurance Act, 1911.

(2) Repairing vehicles of the firm.

(3) Sawing wood for use in production of doors and windows.

(4) The manufacture of wood mouldings intended for use of insured trades.

(5) Working machines planing up wood for use in insured trades.

(6) Manufacture of doors for buildings, ships or vehicles.

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* This decision supersedes decision A 531.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

(7) Preparing wood for joiners for use in insured trades.

(8) Making up for insured trades wood prepared by the joinery machinists.

(9) Assisting generally in work necessary to the carrying on of sawmilling and manufacturing industries which are principally of the kinds mentioned above (shop and yard labourers, enginemen and stokers).

A 679. Workmen employed by a cable and construction company in their mechanical engineering shop, and engaged in the manufacture and assembling of parts of electrical distribution appliances such as feeder boxes and pillars, joint boxes, network boxes, service boxes, &c.

B 681. *Workmen employed by a firm of landscape gardeners, and engaged in laying out gardens, forming lawns and paths, preparing and planting.*

***B 682.** *A workman described as a fence fixer, and engaged in fixing fences round buildings, public parks; hanging gates, &c.*

A 683. Workman engaged wholly or mainly in making and fixing shop fronts of wood and glass.

A 685. Workmen engaged wholly or mainly in making agricultural buildings, such as loose boxes, hay sheds, fold yard roofs, piggeries, &c.

B 689. *Workmen employed by a firm of rock and water garden specialists, and engaged in making rock gardens, miniature pools, caves, streams, &c., not being buildings or works of construction within the meaning of the Sixth Schedule of the National Insurance Act,* 1911.

A 691. Workmen engaged in the manufacture of free wheel clutches for cycles and motor cycles.

A 694. Workmen engaged in fixing into buildings sprinkler installations for fire prevention and extinction.

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* This decision has been modified by decision A 1211.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 695. Persons described as electrical wiremen, and engaged in installing electric light or bells on ships.

B 697. *Workmen employed by Drainage Commissioners, and engaged wholly or mainly in :—*

(1) *Cleaning water courses and repairing same.*

(2) *Repairing shafts and underground water levels.*

A 699. Workmen engaged wholly or mainly in making, including painting—

(1) Agricultural and garden machinery.

(2) Agricultural implements, whether worked or drawn by horse or mechanical power.

(3) Hand machines, such as chaffcutters, &c.

B 701. *Workmen described as newspaper stereotypers, and engaged in casting plates for use on newspaper printing machines.*

A 702. Workmen engaged wholly or mainly as linotype mechanics in keeping in good order an installation of linotype type-setting machines.

A 703. A workman employed by a shipbuilding company, and engaged in shafting hammers for the works, and making boxes for the rivetters connected with the works.

A 704. Workmen engaged wholly or mainly in the construction, repair or decoration of boats, punts or canoes.

B 705. *Workmen employed by a caterer of pleasure boats, and engaged wholly or mainly in letting or rowing out boats.*

A 706. Workmen engaged wholly or mainly in making and erecting portable and permanent greenhouses, glasshouses, vineries, &c., wood and iron portable and permanent buildings, including the sawmilling and machine woodwork carried on in connection therewith.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 708. Workmen engaged wholly or mainly—
- (1) In making wicker and cane basket bodies for use on invalid carriage frames.
- (2) In making wicker and cane bodies for use on side-car chassis.
- (3) As fitters of wood and ironwork for above-mentioned basket bodies and side-cars.
- (4) As blacksmiths and strikers making fittings and frames for invalid carriages and parcel basket handcarts.

B 709. *Workmen employed wholly or mainly in making general household baskets, skips and hampers.*

A 710. Workmen engaged wholly or mainly in the preparation and erection of pulpits, reredoses, fonts, which are fixed to the buildings.

B 711. *Workmen described as gas stokers, employed during most of the year as stokers at a gas works, and part of the year as labourers in the works and yard, assisting in the overhauling, cleaning and repairing of plant and apparatus, provided they are not employed wholly or mainly on repairs to buildings or machinery.*

A 712. Workmen employed by a firm of manufacturers of colliery trams, and engaged in the manufacture of iron, steel, or wooden coal trams or tubs for use underground in coal mines.

B 713. *Workmen engaged wholly or mainly as moulders, casting clay models for stone carvers and sculptors, and not employed wholly or mainly on buildings.*

A 714. Workmen engaged wholly or mainly as masons, machinists, marble polishers, labourers, sawyers and letter cutters on stone work in connection with buildings, or in fixing such stone work to buildings, and not engaged wholly or mainly in the preparation or dressing of stone for monuments of a simple character, such as are ordinarily found in cemeteries, or for mural tablets, or in fixing such monumental stone or tablets to buildings.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 715. Workmen employed by a firm of brewers' and distillers' engineers, and engaged wholly or mainly as coppersmiths in the manufacture and repair of machinery, including copper vessels and pipes connected therewith.

A 716. Workmen engaged in making gyroscopes and other apparatus for use in torpedoes.

A 720. Workmen engaged wholly or mainly in—

(1) Making, including painting, farm water carts.

(2) Repairing farm machinery, &c.

B 723. *Workmen employed by builders and contractors, and described as*—

(1) *Draughtsmen.*
(2) *Resident caretakers at builder's yard.*
(3) *Timekeepers.*

* * *

A 725. Workmen employed by builders and contractors, who are engaged in building or construction of works, and who may be *incidentally* employed as—

(1) Brick dressers, engaged in dressing old bricks.

(2) Concrete breakers.

(3) Can boilers, engaged in boiling water for operatives.

A 728. Workmen employed by a firm of electrical and general engineers, and engaged wholly or mainly—

(1) in the manufacture of transformers (excluding the coil winding*).

(2) as toolsmiths or toolmakers.

A 729. Workmen engaged wholly or mainly in making ventilator cowls for ships.

A 731. A workman employed in a mechanical engineering establishment, wholly or mainly by way of manual labour, as a tester of water meters and other hydraulic fittings.

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* The position of coil winders is dealt with in decisions A 1690X and A 1981X.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 734. *Workmen employed by a town council, and engaged wholly or mainly in painting park seats, gymnastic apparatus, lamp columns, street orderly bins, &c., and cleaning windows.* (*See also* decisions A 2270X and A 2406X.)

B 735. *Workmen employed by salt manufacturers, and described as—*

(1) *Workmen engaged in the repair of salt pans or vats.*

* * * * * * *

(3) *Workmen engaged in making and repairing railway wagon sheets and tarpaulins.*

A 736. Workmen employed by a Town Council and engaged wholly or mainly in painting water vans, scavenging and slop carts and other vehicles, or in painting buildings.

‡B 737. *Workmen engaged wholly or mainly in the manufacture of stained glass for windows and for cabinet makers' work.*

†B 738. *Workmen engaged in laying asphalte or tarred macadam on the yards of, and the paths leading to, buildings.*

A 739. Workmen engaged wholly or mainly in dressing, machining and painting axle boxes, axle box fittings and bearings.

A 740. Workmen engaged in building upon the site constructional work, such as fire escape staircases, fireproof doors, iron roof work, switchboard galleries for electric stations, &c., and the preparation of the material for such on the site or in a constructional yard or shop.

§B 741. *Joiners making tool chests and varnished cases for small tools, such as stocks, dies, &c.*

A 742. Workmen employed by a firm of bifurcated rivet manufacturers, and described as toolmakers.

A 744. Workmen engaged on electro-welding repairs to steam boilers, steel castings and other iron and steel structures, being mainly repairs to boilers of steam vessels.

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‡ This decision has been modified by decision A 1270.

† This decision has been modified by decisions A 1234, A 1416, and A 1442.

§ *See* paragraph 16, page vii, with reference to the question of munitions work.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 745. Workmen engaged wholly or mainly in repairing locks in and about railway station buildings.

A 746. Brass founders and other brass workers engaged wholly or mainly in the casting and machining of brass trolley wheels for tram cars.

B 748. *Workmen employed by a local authority, and engaged wholly or mainly in repairing the furnaces of refuse destructors.*

A 749. All classes of labourers in factories and workshops or in yards or stores immediately connected therewith, when the aforesaid factories or workshops are wholly or mainly engaged in carrying on any of the trades set out in Schedule VI. of the National Insurance Act, 1911.

This decision supersedes all previous decisions in so far as they conflict with it, and covers such workmen as packers, window cleaners and storekeepers' labourers.

A 750. Workmen engaged wholly or mainly in connection with insured trades, and described as—

Markers off.

Working chargemen.

" *Workmen* " **employed as inspectors, gaugers, viewers.**

This decision supersedes decision **A 425.**

A 751. Workmen employed in shipbuilding yards, and engaged in the work of—

Liners off and loftsmen.

Ships' model makers.

This decision supersedes decision **B 446,**[*] so far as it relates to ships' models of the kind made for the use of shipbuilders.

†B 753. *Workmen employed on an estate, and engaged as woodmen in planting and felling trees, cleaning ditches and waterways, and pruning and planting hedges, erecting and taking down wire fences, making duck ponds, &c., repairing drives, walks, &c.*

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[*] Decision B 446 was to the effect that contributions were not payable in respect of workmen engaged in making ships' models and scientific instruments.

[†] Decision B 753, so far as it relates to the erection of wire fences, has been modified by decision A 1211.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 754. **Workmen engaged in grinding and corrugating rolls used in flour mills, chocolate factories, &c., and in regrinding and re-corrugating such rolls.**

B 757. *Workmen employed by a railway company, and engaged in erecting telegraph poles and wires, being chiefly for the purpose of maintenance and renewals.*

A 761. **Workmen employed by a firm of hollow-ware, iron and tinplate and copper workers, and engaged in work as tool-makers and toolsetters.**

B 764. *Workmen engaged in the work of type roller casting in compo.*

A 765. **Workmen employed by a firm of electrical engineers, and engaged on work as—**

Armature disc notchers.
Armature disc stampers.
Core builders.

A 766. **Workmen engaged wholly or mainly in boat building, as builders, painters, carpenters, blacksmiths, sawyers, and woodworking machinists, oar and scull makers.**

A 768. **Workmen engaged in blocking, teeing, pressing, spoke bending, wheel bossing and dressing, and as crane drivers and labourers, all being engaged in the work of making wheel centres, and putting on tyres for railway wagons.**

A 770. **Workmen employed by a firm of truck builders, and engaged wholly or mainly in making small hand trucks and hand carts.**

A 772. **Workmen engaged in French polishing railway carriage fittings, and general upholstering of same.**

A 776. **Workmen employed in the manufacture of copper rollers for use in printing and engraving works (turning and polishing, hammering and piercing).**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 777. *Workmen employed by a firm of china clay merchants, and engaged in the work of—*
(1) *Unloading from railway trucks stoneware, iron pipes, &c.*
(2) *Engine drivers, shunters, cleaners and checkers.*
(3) *Packers on railway.*
(4) *Raising stone in granite quarry.*
(5) *Removing overburden of clay.*
(6) *Cutting small leats on moors for conveyance of water, not being works of construction.*
(7) *Shaft sinking for china clay production.*
(8) *Hedging and general carting.*

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B 779. *Workmen engaged in :—*
(*a*) *Running gas services from the main to the consumer's meter.*
(*b*) *Fixing gas meters in houses.*

A 780. **Workmen engaged wholly or mainly in the manufacture and assembling of parts of lever spring suspensions and premier shock absorbers, except in so far as the workmen are covered by decision B 9† relating to the making of springs.** (*See also* **decisions A 1336 and A 2152X.**)

A 781. **Workmen engaged wholly or mainly in laying wood block flooring in a building.**

A 784. **Workmen employed in factories or workshops, and engaged wholly or mainly in the work of—**
(1) Electro-plating
(2) Enamelling
(3) Lining
} **cycles or other vehicles or parts thereof.**

B 785. *Workmen employed in the tramways department of a county council, and engaged in the work of inspecting material for tramway service.*

A 786. **Workmen employed by an electric light and traction company, and engaged in the work of repairs to boilers, dismantling same for inspection, and in repairs to engines in a power station.**

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† Decision B 9 was to the effect that contributions were not payable in respect of workmen employed as spring makers making volute, spiral, and laminated springs.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

***A 787.** **Workmen engaged in the manufacture of—**

(1) Cycle forks, back rails and chain stays.
(2) Wood, wire and steel wheels and steel rims for motor cars and lorries (including painting, enamelling, nickeling and brassing parts of wheels).

A 788. Workmen described as enamellers or japanners, and engaged in the work of coating—

(1) Typewriter parts.
(2) Cycle frames, forks and wheels.

A 789. Persons engaged in repairing controllers on tramcars.

A 790. Workmen engaged wholly or mainly in making sheet metal work for motor cars, such as petrol tanks, hoods, guards, silencers, &c.

A 791. Workmen employed by a firm of rim benders, and engaged in the work of bending and circling motor car rims, filing up and polishing.

B 797. *Persons employed in lacemaking factories as:—*

†[(1) *Lace curtain machine inside hands.*]
(2) *Foremen lace machine adjusters.*

A 798. Workmen engaged in cutting, glazing or fixing lead lights in connection with buildings, ships or vehicles.

This decision modifies decision B 565.

‡**B 799.** *Workmen engaged in:—*

(1) *Painting, staining, cementing lead lights, in connection with buildings, ships or vehicles.*

(2) *Embossing, brilliant cutting, bevelling, silvering and gilding glass.*

A 800. Workmen engaged in:—

(1) Manufacturing wood wheels;

(2) Bending shafts, wings, car sides, motor panels.

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* This decision does not relate to processes prior to flattening. *See* decision A 1321.

† Decision B 797 (1) is not now operative. *See* decision A 1535.

‡ This decision has been modified by decision A 1270.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 801. Workmen employed by an iron and steel company, and described as joiners, fitters and labourers who are engaged in turning rolls for mills, turning hammers and anvils, turning and fitting material for the machinery in the forge.

A 803. Workmen employed in a mechanical engineering establishment, and engaged in:—

(1) Making and repairing leather driving belts and leather hose pipes;

(2) Repairing and testing chains, all being for use in the work of the establishment.

B 806. *Workmen employed by a firm of sand and ballast pit owners, and engaged in digging ballast, and screening same.*

A 808. Persons engaged in the manufacture of mechanical driving chains and chain gearing.

A 809. Workmen employed by a firm of motor wheel makers and tyresmiths, and engaged in the work of:—

(1) Assembling machined wood for wheels;
(2) Wood machinists;
(3) Cleaners of wood motor wheels and lead colourers;
(4) Blacksmith doing iron tyreing and pressing on rubbers;
(5) Labourers.

***B 811.** *Workmen employed by river conservators on dredgers, tugs, barges, hoppers or launches, and engaged wholly or mainly in work the primary purpose of which is the maintenance of the river channels.*

A 812. Workmen employed by river conservators, and engaged wholly or mainly in:—

(1) Driving machinery for the mechanical engineering establishment, and otherwise working in that establishment;

(2) Driving cranes at the works for unloading and loading material to be used in connection with the carrying on of any trades set out in Schedule VI. of the National Insurance Act, 1911.

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* *See also* the Special Exclusion (Dredgermen, &c.) Order, 1913, p. iv.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 815. **A workman engaged in mixing paint, and delivering same to painters on the job, and acting as a plumber and painter's labourer.**

B 816. *Workmen engaged in the salvage of ships and cargoes, and all descriptions of labour incidental thereto.*

B 818. *Workmen employed by a firm of ship owners, and engaged wholly or mainly in:—*

(1) *Attending donkey engine on steamer and discharging cargo.*

(2) *Clearing engine room, receiving stores.*

(3) *Attending to shifting of vessels, to gangways for disembarking passengers and other similar work.*

***B 819.** *Workmen employed by a cab company, and engaged wholly or mainly in the work of removing and replacing rubber tyres of motor cabs.*

A 821. **Workmen engaged wholly or mainly in making, shaping, &c. sheet metal panels for motor car bodies.**

A 824. **Bricklayers and their mates or assistants (commonly called "grate fixers") who fix grates and kitchen ranges, and fill in their time making repairs to house property.**

B 825. *Workmen engaged in the work of well sinking and artesian well boring, and in the equipment by such well borers of temporary test pumping plant.*

A 826. **Workmen engaged in making and fixing deep well machinery, engines, windmills, machine pumps and other mechanical appliances for raising water from the ground.**

A 838. **(1) Hose mounters engaged in fitting india rubber hoses to iron unions for use as couplings between railway carriages;**

(2) Youths engaged in the making of Rocker joint chain used for power transmission.

B 840. *Workmen employed wholly or mainly as linotype operators or their assistants.*

A 841. **Workmen engaged wholly or mainly in the upkeep and maintenance of linotype machines.**

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* This decision has been modified by decision A 1406.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 843. *Persons employed in theatres or music halls, and described as :—*

(1) *Stage carpenters and their assistants, not engaged in construction or repair of buildings.*

(2) *Stage electricians and their assistants, not engaged in wiring buildings or other work of a permanent character. (See also decision* A 1351.)

A 850. Labourers employed as raftsmen to signal in connection with the testing of torpedoes.

B 851. *Coxswains and drivers of motor boats engaged in bringing back torpedoes after trial testing.*

A 853. Wheelwrights, carpenters, smiths, fitters or other workmen, including unskilled labourers, engaged wholly or mainly in the construction, decoration or repair of vehicles in connection with businesses other than those included under the trades specified in Schedule VI. of the National Insurance Act, 1911.

A 854. Electricians and assistants engaged wholly or mainly in the installation, upkeep and repair of electrical machinery (including conductors), electrical wiring for power, light or bells in factories, workshops or other buildings in connection with businesses other than those included under the trades specified in Schedule VI. of the National Insurance Act, 1911.

A 856. Workmen engaged wholly or mainly in the installation or in the upkeep and repair of hot-water and steam pipes, ventilating systems or permanent gas-piping in buildings in connection with businesses other than those included under the trades specified in Schedule VI. of the National Insurance Act, 1911.

B 859. *Workshop instructors in technical institutes in connection with any insured trades, who engage in manual labour incidentally to the giving of instruction. (See also decision* A 1077.)

A 860. Workmen engaged in scaling pontoons.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 862. Workmen, not being usually members of a ship's crew, engaged in scraping, cleaning and painting ships when undergoing Board of Trade survey.

A 863. Workmen employed by manufacturers of safety boiler mountings and high-pressure steam valves, and engaged—

(a) in testing with hydraulic pressure (1) rough castings in gun-metal or other copper alloys, iron and steel, (2) machined castings in all the above-mentioned metals, and (3) articles in all the above-mentioned metals finished and fitted up ready for sale; and

(b) in testing with steam pressure iron, steel and gun-metal articles finished and fitted up ready for sale.

B 866. *Workmen engaged in boring holes to prove the existence or non-existence of coal or other minerals.*

B 867. *Workmen described as casual labourers who are not employed in factories or workshops or in yards or stores connected therewith, but who are engaged wholly or mainly in unloading barges of timber and carrying it on to the timber stacks in the yard.*

A 868. Machinemen, planers, rippers, borers, grinders, patternmakers employed in connection with the manufacture of armour plates.

A 869. Workmen engaged in the construction, reconstruction or alteration of steel works plant.

A 870. Boilermakers and labourers engaged wholly or mainly in repair of boilers in connection with steel works or other businesses, whether such businesses are among those specified in Schedule VI. of the National Insurance Act, 1911, or not.

A 871. Bricklayers and labourers engaged wholly or mainly in repair of boiler-settings in connection with steel works or other businesses, whether such businesses are among those specified in Schedule VI. of the National Insurance Act, 1911, or not.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 872. A workman engaged wholly or mainly in the work of turning warpers' beams and loom beams of wood and iron.

A 876. Workmen employed by a firm of motor car manufacturers, and described as inspectors or viewers engaged in testing for defects, and in measuring with micrometers and other instruments for accuracy.

A 877. Workmen engaged wholly or mainly in dry-docking ships and other craft for the purpose of inspection and repair where repair may be found necessary.

A 878. Workmen engaged in turning tyres, axles and wheels.

A 880. Typewriter mechanics, engaged in such work as filing, drilling and tapping, rivetting, turning, soldering and general overhauling of typewriter mechanisms.

A 881. Workmen engaged in guillotine cutting, punch-press stamping and turning of brass work for brushes for electrical motors and dynamos.

B 882. *Workmen described as thatchers and thatchers' mates, and engaged wholly or mainly in thatching hay, corn or other stacks.*

A 883. Workmen described as thatchers and thatchers' mates, and engaged wholly or mainly in thatching houses, barns and other buildings, and not employed mainly in thatching hay, corn or other stacks.

B 884. *Workmen engaged wholly or mainly in fitting and screwing advertisement plates, boards, &c., to omnibuses and like vehicles.*

A 888. Workmen engaged in the manufacture of automatic weighing machines for flour, sugar and cocoa, and described as tinmen, fitters-up of machines, electric switch and contact makers, testers and machine hands.

A 890. Workmen engaged in lining shells and bushes with anti-friction metal.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 891. *A workman employed by a firm of architectural modellers, and engaged in modelling in clay for decoration of buildings, and for stone and wood carving.*

A 893. Workmen engaged in the application of various materials used for non-conducting work in connection with refrigerating plant in buildings or ships.

A 894. Workmen engaged wholly or mainly in casing doors, hanging windows, boarding ceilings.

A 895. Workmen engaged in making fireproof doors.

A 898. Toolmakers engaged in making, or in the upkeep and maintenance of, metal perforating presses, or in making punches and tools used in the manufacture of dustbins, tanks, cylinders, cisterns, &c.

B 899. *Workmen engaged in making or fixing glass, wood, electric, and wood letter signs, stall plates, &c. (See also decisions* A 1256, A 2088X and A 2108X.

A 900. Workmen employed by a firm of mining tool manufacturers, and engaged wholly or mainly—

(1) In case-hardening steel for hand boring and power machinery and tools;
(2) In grinding parts of hand boring and power drills;
(3) In moulding and casting pick heads;
(4) As blacksmiths, stampers, their strikers and pickers, making parts of hand and power boring tools and machinery;
(5) As planers;
(6) As labourers;
(7) In assisting at annealing furnaces;
(8) As engine tenters, and working gas producing plant;
(9) In filing pick blades and parts for hand boring machines and tools.

A 902. Workmen employed by a firm of cart and carriage axle makers, and engaged as—

(1) Axle nut and washer drop forgers, cap screwers, turners, and casters;

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

(2) Axle box screwers, turners, lappers;
(3) Axle setters, turners, pinners, hardeners, grinders, polishers, assemblers and fitters;
(4) Labourers.

A 904. Workmen employed by a firm of automobile engineers both to drive motor cars for the purpose of testing them, and to repair and adjust the machinery.

A 905. A workman engaged wholly or mainly in repairing guns, rifles and revolvers.

A 908. Workmen employed in case-hardening parts of the products of a mechanical engineering establishment, and in respect of sweaters employed in a mechanical engineering establishment soldering together metal parts with use of blowpipes.

A 909. Workmen engaged in building up from sections on the site constructional steel work such as cylindrical poles and lattice structures for wireless telegraphy aerial supports.

B 910. *Workmen employed by a firm of boot tree manufacturers, and engaged:—*
(1) *In making and polishing boot lasts* (*see also* decision A 1897X);
(2) *As lads riding cycle carriers.*

A 911. Workmen engaged in applying to steamships coatings composed of bitumen specialities.

A 914. Workmen engaged wholly or mainly in erecting oxy-acetylene welding and metal cuting plant on purchasers' premises, and using same for work in connection with any insured trade.

B 915. *Workmen engaged wholly or mainly in:—*
(1) *Giving demonstrations of oxy-acetylene welding and metal cutting and instruction to purchasers of plant;*
(2) *Running gas engines, air compressor and producer plant, and charging the latter with fuel for the purposes of such demonstrations and instruction;*

* * * * * * *

A 919. Workmen engaged wholly or mainly in installing lightning conductors, repairing church steeples and spires, and chimney shafts, and felling chimney shafts.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 922. Workmen engaged wholly or mainly in the manufacture of air-craft (other than non-dirigible balloons), together with the portable sheds used in connection with them. (*See also* decision **A 2273X.**)

A 924. Workmen employed as tool makers and setters in connection with the manufacture of bells.

A 926. A workman engaged in erecting machinery in show rooms, and running same where required to demonstrate for customers the various motions, &c.

A 928. Metal perforation toolmakers (heavy work).

A 929. Workmen engaged in ship yards in boiling a chemical solution for the preservation of iron and steel.

A 930. Workmen engaged wholly or mainly in making steel dies for drawing sections of brass rods.

A 933. Cranemen (hand or power), enginemen (stationary engines), firemen (stationary engines) and boilermen in any business included in Schedule VI. of the National Insurance Act, 1911.

A 934. Workmen engaged in glutting wheels.

B 935. *Workmen engaged in the work of making and repairing dry stone walls and fences.* (See also decisions A 1253 and A 1272.)

***A 937. Blacksmiths engaged wholly or mainly in the upkeep and repair (including sharpening) of rock drills used in quarries.**

A 939. Workmen engaged wholly or mainly in welding, in the track, the joints of tramway rails in the construction of new tramway lines, and in the reconstruction and alteration (but not the repair and relaying) of existing ones.

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* This decision has been modified by decision B 1182, which was to the effect that contributions were not payable in respect of workmen employed in quarries and mines, and engaged wholly or mainly in cutting and sharpening detachable rods of steel which require frequent renewal or constant sharpening, and are used for drilling holes in rock. *See also* decisions A 1827X and A 2343X.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 941. Workmen engaged as patent floor layers, in laying coverings of a permanent character over steel, iron, wood, concrete, &c., foundations.

B 942. *Workmen engaged wholly or mainly:—*
(1) *In affixing posters and advertisements on hoardings and walls;*
(2) *As poster-writers, hand-painting advertisements on bills.*

***A 943. Workmen engaged wholly or mainly in the manufacture or in the repair of vacuum cleaning machines (hand or power) including the woodwork.**

A 944. Workmen engaged in making and polishing parts of typewriters, and assembling typewriters.

A 945. Workmen engaged in uncasing and assembling the parts of imported agricultural implements which are worked or drawn by horse or mechanical power.

†[A 946. A signal fitter employed wholly or mainly in repairing and putting in order signals.]

A 947. Fitters employed by a firm of constructional engineers, and engaged in making, fitting and repairing tools for use in connection with the manufacture of fencing and washers.

A 948. Workmen employed in the roofing department of a firm of constructional engineers, and described as wood template makers, punchers, shearers, benders and staighteners, chippers and filers, smiths, strikers, drillers, planers, sawyers, platers, carpenters, painters, loaders, labourers, crane drivers, electric wirers, erectors, fitters, rivetters, rivet-heaters and holders-up.

A 950. Workmen described as employed in mechanical engineering, and engaged wholly or mainly in fitting finished millstones to the hursting or grinding mill.

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* Decision A 943 is modified by decision B 2036 in so far as the two conflict.
† This decision is not now operative. *See* decision A 1161.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 952. Workmen engaged wholly or mainly in the work of fixing on the site, or the preparation, including dressing, enamelling or polishing of slate or marble to finished dimensions *(other than roofing slates, paving flags, or slate for electrical appliances, tanks and vats*)* **for use in connection with any trade set out in the Sixth Schedule of the National Insurance Act, 1911.**

A 953. Workmen employed by a firm of tin mine owners, and engaged wholly or mainly—

(1) as masons and labourers repairing buildings;

(2) as fitters and their assistants repairing machinery, &c.;

(3) as electricians and their labourers in the upkeep and repair of electrical machinery and conductors.

B 954. *Workmen employed by a firm of tin mine owners, and engaged wholly or mainly . . . . (2) as carpenters and their labourers on work about the mines, but not wholly or mainly engaged on buildings.*

A 955. Workmen engaged in building up at the works loco gas machines, and fixing them in buildings, also fixing any necessary gas piping and fittings, and overhauling and repairing existing installations.

A 956. Workmen engaged wholly or mainly in fixing boiling water apparatus and coffee-making machines in restaurants and buildings generally, and in keeping in repair the gas and water fittings after they are fixed.

A 959. Workmen engaged wholly or mainly in the manufacture or repair of lighthouse, light vessel and fog signal apparatus, including buoys and beacons.

A 960. Workmen engaged wholly or mainly in the construction, reconstruction, alteration or repair of lighthouses and light vessels.

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* *See* decision A 1760X and paragraph 16, page vii, with reference to the question of munitions work.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 963. *Workmen employed by a firm of cotton doublers, and engaged wholly or mainly in putting on belting for driving shafting, and in general supervision of same, but not engaged in attending to the shafting or the machinery.*

B 965. *Workmen engaged* . . . . (3) *in putting together and fitting with terminals electric fittings such as wall plugs and adaptors.* . . .

A 968. Workmen engaged wholly or mainly in making and repairing press tools for use of door bolt and padlock manufacturers.

A 970. Workmen engaged wholly or mainly in fitting flanges and clips to motor omnibus wheels to stop rubber tyres from coming off.

B 971. *Workmen engaged wholly or mainly in the navigation of horse cart ferries, and not engaged wholly or mainly in repair of the same.*

A 972. Workmen employed by a firm of gun makers, and engaged in the manufacture of guns and rifles for sporting purposes, including the stocking and finishing of the same.

***B 973.** *Glass blowers employed by a firm of scientific apparatus makers, and engaged wholly or mainly in making burettes, pipettes and glass retorts.*

A 978. Workmen described as builders' labourers and engaged wholly or mainly in gathering and dressing stone for building purposes, and otherwise generally assisting in the building operations.

A 980. Workmen engaged wholly or mainly in the reconstruction of an existing railway road, by the conversion of it from a steam to an electric railway.

A 981. A workman employed as a mechanic in an engineering laboratory, and engaged wholly or mainly in attending and repairing machinery.

B 982. *Workmen engaged wholly or mainly in fixing, removing or repairing portable and removable market stalls, or the temporary gas fittings attached thereto.*

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* *See* paragraph 16, page vii, with reference to the question of munitions work.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 983. *Workmen engaged wholly or mainly:—*
(1) *In fixing or mounting fuse wire or strip on china, porcelain, or other insulators.*
(2) *In fitting and fixing fuses in protecting cases.*

A 984. Workmen engaged wholly or mainly in the manufacture, assembling, erecting or repair of electrical switches, cut-outs, circuit breakers and switchgear generally (including main and sub-station switchboards, motor control panels and starters and accumulator boards). . . . *See also* decision **A 952.)**

A 986. Workmen employed as toolmakers, and engaged in making press tools, dies, chills, &c. for the use of meter makers.

A 987. Workmen engaged in casting malleable iron nails and protectors for the boot trade, and brattice nails used for miners' cloths.

A 988. Workmen employed by a firm of press and stamped brass founders, and engaged wholly or mainly as toolmakers and tool setters making tools for the manufacture of household brass goods, sail eyelets, &c.

A 989. Workmen described as fitters who are engaged wholly or mainly in making tools and dies for tin box-making machinery.

B 991. *Workmen employed by a firm of scrap iron merchants, and engaged wholly or mainly in breaking up by means of blasting operations, beds of iron at works not forming part of the buildings.*

A 992. Workmen described as needle tool makers and engaged wholly or mainly in the work of making dies to be used in the manufacture of needles.

A 994. Workmen employed as pattern makers making wooden patterns for iron foundries, or brass foundries covered by decision A 23.

A 995. Workmen engaged wholly or mainly in the manufacture and fixing of wooden bookstalls, kiosks, &c., for the sale of goods at railway stations, &c.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 996. Workmen described as toolmakers and engaged wholly or mainly in making tools for capstan lathes.

A 997. Workmen employed by a firm of tyre manufacturers and engaged in—

(1) pressing on endless rubber tyres by hydraulic pressure;

(2) forcing rubber into steel channels with hand machines.

A 999. Workmen engaged wholly or mainly in preparing, fitting or fixing by screw, nail or other process, fittings of wood designed or intended for specific buildings or parts thereof (not being portable counters, show cases or other similar portable fittings).

A 1001. Workmen employed as toolmakers, and engaged wholly or mainly in making dies and tools used in the manufacture of lamps and gas and electric light fittings.

B 1005. *Persons engaged wholly or mainly in :—*

(1) *Charging electric accumulators;*

(2) *Making carbons for arc lamps.*

A 1007. Workmen employed by a firm of mechanical engineers wholly or mainly by way of manual labour, and engaged in testing motor road rollers built by the firm and assisting as labourers in the erection of the rollers.

A 1009. Workmen employed in the manufacture of station gas meters, and described as tool fitters, tool makers, tool turners, tool machinists and their assistants or labourers.

B 1010. *Workmen described as seagoing engineers, being usually members of a ship's crew, who are engaged wholly or mainly in superintending and lending assistance to shoregang tradesmen overhauling engines and machinery on board ship while in port.*

A 1012. Workmen engaged in making ammunition belts for maxim guns.

A 1014. Workmen engaged wholly or mainly in fixing controllers on tram cars.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1015. Workmen engaged wholly or mainly in the manufacture of rotary duplicating machines, described as consisting mainly of stamped metal parts and small iron castings, including workmen operating drilling and milling machines and hand capstans, and toolmakers, charge hands and examiners.

Note.—The term "workmen" includes women as well as men.

A 1016. Workmen employed at engineering works, described as riggers of trawlers and drifters, and engaged wholly or mainly in splicing and fixing up wires, ropes, stays and fish spans from mast to mast.

A 1018. Workmen engaged in the work of rolling gun barrels.

A 1019. Workmen engaged wholly or mainly in the trueing and fitting up of pottery urinal backs and sides, i.e., chipping and cutting them so as to fit into one another.

B 1021. *Workmen employed by typewriter manufacturers, and described as printers engaged in printing keytops for typewriters, and general shop printing.*

A 1022. Workmen employed by typewriter manufacturers, and described as:—
(1) Inspectors examining parts, comparing with drawings, and gauging.
(2) Engravers, engraving master type punches.

A 1025. Workmen engaged wholly or mainly as gas fitters, doing gas fitting on stations and signal boxes, &c.

A 1026. Workmen employed—
(1) As turners, fitters, planers, drillers, sheet metal workers and assemblers, engaged wholly or mainly in the making and assembling of power-driven tea mixing, milling and blending machines, and
(2) As electro-platers, enamellers and polishers engaged wholly or mainly in decorating them.

A 1028. Workmen described as sewermen, and employed on buildings in the conversion of closets to the water carriage system, and in fixing and repairing closets.

A 1029. Workmen engaged in making or decorating machine cream separators.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1030. File-cutters employed in the carriage works of a railway company.

A 1031. Workmen engaged wholly or mainly in fixing on buildings, laths of wood, wire and metal.

A 1033. Workmen engaged wholly or mainly in fixing cash overhead runways in shops and stores.

A 1034. Workmen engaged in the manufacture of patent cash tills. (*See also* decision B 2338.)

A 1037. Calender bowl makers.

A 1040. Workmen described as smiths, rivetters and carpenters, and engaged in making frames for hanging bells, in making pulleys and bell wheels.

A 1042. Workmen described as bell hangers, and engaged wholly or mainly in hanging bells in buildings.

A 1044. Workmen engaged wholly or mainly in making or repairing tools in connection with the manufacture of magnetos.

B 1045. *Workmen engaged wholly or mainly in erecting organs in buildings.*

A 1049. Workmen engaged in making seats of a kind commonly built into or forming part of buildings, ships or vehicles.

A 1050. Workmen employed by a shipping company, and engaged wholly or mainly in :—

(1) Building and repairing brick fire bridges in ship's boiler furnaces.

(2) Scaling, cleaning, cementing, cement washing or ferroiding tanks and bilges, and doing other cement work on ships.

A 1052. Workmen engaged in cleaning off and stoving cycle frames, preliminary to the processes of cozletizing and enamelling.

A 1053. Workmen engaged wholly or mainly in the manufacture of power or treadle fretwork machines.

A 1054. Workmen engaged wholly or mainly in making power-driven fans.

A 1058. Blacksmiths employed by a firm making fittings for yachts and boats.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1059. *Gland packers employed in running sheds, and not in mechanical engineering workshops or repair shops of railway companies.*

B 1061. *Workmen employed wholly or mainly in the repair of reservoirs and artificial lakes.*

A 1062. Workmen engaged wholly or mainly in the construction, re-construction or alteration of reservoirs and artificial lakes.

A 1063. An engineer's fitter engaged wholly or mainly in filing up dies from patterns, and making gauges and patterns from drawings for use in the manufacture of steam turbine blades.

A 1064. Workmen described as fitters of benching for sewing machines, and engaged wholly or mainly in the work of setting up sewing machine benchings, and of fixing them to floors of buildings by screw, nail or other process.

B 1065. *Ship's coalers taken on occasionally by a firm of shipbuilders to assist in bunkering ships for trial runs, and not usually employed in shipbuilding yards.*

A 1067. Workmen employed by a firm of engineers, and engaged wholly or mainly in making :—
(1) Stripping rollers for the vacuum system of removing dust from carding engines;
(2) Wood bodies for vacuum machines.

A 1068. Workmen described as engineers' fitters, and engaged in machining moulds and making tools in connection with the manufacture of electrical storage batteries.

A 1069. Workmen engaged in the manufacture of temples for looms.

A 1070. Toolmakers engaged in making and repairing machine tools for file cutters.

A 1072. Workmen engaged in running gas pipes from a gas company's services in the basement of a block of tenements to the various rooms in the tenements.

A 1073. Workmen engaged wholly or mainly in making roof bars in iron, covered with lead sheaths, or in fitting same to glass or other materials, or in fixing same on buildings.

A 1074. Workmen described as washing fitter and labourer, and engaged wholly or mainly in changing pinions, brasses and shaft, repairing screens, elevators, &c., at coal washery. *See also* decision **A 1261.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1075. *Workmen engaged wholly or mainly in making surface sheep drains on hills.*

A 1076. Workmen engaged wholly or mainly in driving or attending steam road rollers in connection with the construction of new roads, and not merely the resurfacing of existing roads.

A 1077. A workman employed in a technical school or institute, and engaged wholly or mainly in making parts of machines for use in the demonstrations given by the teaching staff, and himself *occasionally* doing a little explanation. *See also* decision B 859.

A 1078. Workmen engaged wholly or mainly in making sheet metal bonnets, wings, panels, tanks and radiators for motor cars.

A 1079. Workmen engaged in making variable gears or free-engine clutches for motor cycles.

A 1081. Workmen employed by copying press manufacturers, and described as :—

(1) Turners engaged wholly or mainly in turning and cutting the middle screws of copying presses.

(2) Viewers and testers engaged wholly or mainly in examining and testing taps and dies as to accuracy in dimension, pitch and shape of thread.

A 1086. Workmen engaged wholly or mainly in the construction of new filtering beds at sewage works, the cost of which would be, in the case of a local authority, usually chargeable to capital account.

A 1088. Hoistmen or lift attendants (for passengers or goods) employed in factories and workshops, or in stores immediately connected therewith (but not in offices), when the aforesaid factories and workshops are engaged wholly or mainly in carrying on any of the trades set out in Schedule VI. of the National Insurance Act, 1911.

This decision modifies decision B 50* so far as it relates to hoist attendants.

B 1089. *A workman engaged wholly or mainly in making sills for lids of manholes in streets.*

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* Decision B 50 was to the effect that contributions were not payable in respect of workmen employed in a mechanical engineering establishment, and described as . . . passenger hoist attendants.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1090. Workmen employed by a firm of gear cutters and automobile engineers, and engaged wholly or mainly in the work of gear cutters and case hardeners.

A 1091. Workmen engaged—
(1) in making, varnishing or otherwise finishing steering wheels for ships or other craft either in wood or metal, whether commonly employed in a shipbuilding yard or not, or
(2) in fixing same on ships or other craft.

A 1092. Workmen employed as enamellers, and engaged wholly or mainly in imitating wood graining or marble veining upon, or in otherwise enamelling, iron or other mantel and chimney pieces.

A 1094. Workmen described as rivet testers, and engaged wholly or mainly in testing, with a hammer, rivets driven in connection with the construction or repair of ships.

B 1095. *Artists engaged in drawing and painting panels for church decoration, or in drawing stencils.*

A 1096. Workmen employed by a firm of welded tube makers, and described as:—
(1) Blacksmiths and strikers engaged in toolmaking;
(2) Fitters and toolmakers;
(3) Millwrights and their labourers.

A 1098. Diemakers engaged in making dies for use in wire-drawing.

B 1099. *Workmen engaged in carrying out underdraining works, or keeping same in repair.*

A 1100. Workmen engaged wholly or mainly in fixing pneumatic despatch tube apparatus in buildings or ships.

A 1101. Workmen engaged in making or repairing machine brooms for road-sweeping.

A 1102. Workmen engaged wholly or mainly in fitting or fixing to doors springs and fittings thereof, and in carrying out repairs in connection therewith, whether employed on buildings or not.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1104. **Workmen employed by a firm of silversmiths and electro-plate manufacturers, and engaged as tool makers and tool setters.**

A 1105. **Labourers engaged in assisting millwrights either in excavating foundations for the erection of engines or machinery, or in dismantling machinery, or otherwise.**

A 1106. **Workmen engaged in making funnels for ships.**

A 1110. **Workmen and their helpers and labourers employed in factories and workshops which are engaged wholly or mainly in the manufacture of castings of aluminium for use as parts of the products of a mechanical engineering establishment.**

A 1111. **Workmen engaged in the manufacture of boat-lowering gear for ships.**

A 1113. **Workmen employed by a patent glazing company, and engaged wholly or mainly in—**

(1) Stretching and drilling steel bars;

(2) Shaping lead covering, pressing same on to steel bars, and soldering.

A 1114. **Workmen engaged in—**

(1) Fixing in the shop tiles in stoves which are to be fixed in houses;

(2) Painting chimney pieces.

A 1115. **Workmen engaged in erecting and connecting necessary wires to run and control electric time service.**

B 1116. *Workmen and the labourers assisting them employed by a firm of felt manufacturers, and engaged wholly or mainly in making or repairing wood seams for drying and stretching felt after it has been washed, or in replacing or straightening tenter hooks on same. (See also* decision A 2088X.)

B 1118. *Charwomen engaged in washing the floors of buildings after the painters have finished their work.*

A 1119. **Workmen engaged wholly or mainly in making formes and steel rules to cut boxes in the paper box-making industry.**

A 1121. **Workmen engaged wholly or mainly in repairing stoves, fire grates and ranges fixed in buildings.**

B 1122. *Drivers and steersmen of steam motor launches used mainly for carrying officials and workmen to and from Southampton docks.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1123. Workmen employed by a firm of flax spinners, and engaged in turning plain wooden rollers for their machinery. (*See also* decision A 1479.)

A 1124. Workmen employed in businesses carrying on any insured trade, and engaged wholly or mainly in setting out the work in detail, from the architect's or draughtsman's drawings, on boards, paper or other material, or in making working sketches from the drawings for the use of the workmen, and not engaged wholly or mainly as supervising foremen.

A 1125. Workmen described as smiths and strikers, and engaged in smithing and finishing stern frames for ships.

B 1129. *Workmen employed by a firm of automobile agents, and engaged solely in testing completed cars, not at the manufacturers' works, and not engaged in making alterations or repairs of the same.*

A 1130. Workmen engaged in the construction or repair of house drains.

A 1131. Workmen engaged wholly or mainly in scaling and covering ships' boilers, scaling, redleading or painting ships' hulls, bulkheads, tanks and double bottoms.

This decision overrules decision B 398,* so far as it relates to the scaling of ships' boilers. *See also* decision A 1432.

A 1132. A workman described as a locomotive crane driver, and engaged wholly or mainly in loading or unloading materials on a wharf siding forming part of a mechanical engineering establishment.

A 1133. Workmen engaged in making and assembling gas governors.

A 1135. Workmen employed by a firm of coach and motor axle and iron work manufacturers, and engaged wholly or mainly in turning, screwing, polishing, and fitting hub bushes and oil caps for attaching to the wheels of vehicles and revolving upon the axles.

A 1137. Workmen engaged wholly or mainly in casting, in any metal, essential parts of cycles, motor cycles, or other vehicles.

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* Decision B 398 was to the effect that contributions were not payable in respect of workmen employed to clean or scale ships' boilers, as distinct from the repair of such boilers.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1139. Workmen engaged in making metal patterns, being for the use of iron, steel, brass, or other foundries which are engaged wholly or mainly in making castings for use as parts of the products of a mechanical engineering establishment.

A 1140. Workmen employed by a firm of hatters' machinists, and engaged wholly or mainly in making cast iron hat curling frames and dishes.

A 1141. Workmen employed in a mechanical engineering establishment or in a vehicle constructing or repairing establishment, and engaged wholly or mainly in repairing and screwing couplings and chains as part of the work of making or of repairing vehicles, cranes and machinery.

A 1144. Workmen engaged wholly or mainly in painting signal boxes.

A 1145. Workmen engaged wholly or mainly in forming new roads or streets, or constructing or making up partially formed streets or roads to the satisfaction of a local authority, in such a manner that a local authority would be willing to adopt them as highways repairable by the inhabitants at large.

This decision modifies decisions **B 583** and **B 585**.

A 1146. Workmen engaged wholly or mainly in making or repairing wire netting looms.

A 1148. Workmen engaged wholly or mainly in applying relief decoration in composition or carton-pierre to buildings, ships, or vehicles.

B 1152. *Joiners and their labourers engaged wholly or mainly in making sleeper revetments and trestles for supporting gas explosion tubes, and other similar work, and not being engaged wholly or mainly in the construction and repair of buildings.* (*See also* decision A 2088X.)

A 1153. Workmen employed by a firm of steel ball makers, and engaged in counting and packing steel balls for bearings.

The term " workmen " includes women and boys and girls over 16 years of age as well as men.

A 1155. Workmen engaged wholly or mainly in stamping and cutting out metal jointing rings and metal discs for metallic valves in pumps.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1156. Workmen, including women, engaged in the work of upholsterers and machinists in connection with the manufacture, decoration or repair of perambulators.

A 1157. Workmen employed wholly or mainly in building upon the site constructional work such as emergency stairs, bandstands, verandahs and porches, or the preparation of the material for such on the site or in a constructional yard or shop.

A 1159. Workmen described as fitters and mechanics, and engaged wholly or mainly in planing and shaping boxes or dies for hand or power brick presses, and in fitting same to the presses. (*See also* decision A 2196X.)

A 1160. A workman described as an inspector employed in a mechanical engineering establishment wholly or mainly in testing materials with straight edge and other gauges.

A 1161. Workmen employed wholly or mainly in mechanical engineering workshops in repairs to signal apparatus, or in substantial repairs to signal mechanism in the signal boxes.

This decision supersedes decision A 946.

B 1162. *Workmen described as signal fitters, signal chargemen, linesmen and under linesmen, and engaged in maintaining the rodding and wires between the signal boxes and the points and signals, oiling the locking frames, and keeping them in working order.*

This decision supersedes decision B 251.*

A 1163. Tube benders employed in a mechanical engineering establishment.

A 1165. Workmen engaged in making hand power burring, screwing, mortising and similar machines.

A 1166. Workmen described as masons, and engaged in constructing—

(1) Sheds for the use of men dressing slates in quarries;

(2) Safety sheds for use during blasting operations.

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* Decision B 251 was to the effect that contributions were not payable in respect of a workman employed by a railway company, and engaged wholly or mainly in oiling point rods, pulleys, signal arms and other connections.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1167. Workmen employed in an iron foundry, and engaged in filing up iron patterns.

A 1168. Workmen employed at a pipe foundry, and described as casters or moulders, coremakers, dressers, testers, gaugers, measurers, coaters or dippers, rollers, stackers, shippers, weighmen, cranemen, sand or loam wheelers, loam grinders, foundry and general labourers.

*[A 1169. Turners and other machinists engaged wholly or mainly in producing ebonite or vulcanised fibre parts for use as parts of the products of a mechanical engineering establishment.]

A 1171. Carpenters and joiners engaged in keeping in repair and fixing portable floor structures which form coverings over public baths.

A 1172. Workmen described as pewterers and plumbers, and engaged wholly or mainly in bars and similar premises in—

(1) covering bar sinks with pewter or block tin; or

(2) fixing lead beer piping or block tin piping in connection with beer engines.

A 1174. Workmen described as mechanics and their assistants, and engaged wholly or mainly in repairing sewing machines.

A 1178. Workmen engaged wholly or mainly in the manufacture of mechanically-actuated petrol air gas apparatus.

A 1180. Workmen employed by manufacturers of hosiery machinery, and described as needle squarers.

A 1183. Workmen engaged wholly or mainly in the manufacture or repair of mechanical tools or machinery for forming the mouths of glass bottles.

B 1186. *Workmen engaged wholly or mainly in testing scale beams and weighing machines which are in use, to see if they are correct and of sufficient strength.*

A 1187. Workmen engaged wholly or mainly in testing scale beams and weighing machines which are not commonly used in retail trade, in connection with the manufacture or repair of these machines.

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* This decision is not now operative. *See* decision A 1230.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

*B 1190. *Workmen employed by manufacturers of motor car accessories, and engaged in the making of cape cart hoods for motor cars.*

A 1193. Workmen engaged in attending on the valves for sinking and raising pontoons in connection with the repair or decoration of ships.

A 1194. An iron turner engaged wholly or mainly in turning spindles for churns. (*See also* decision A 2303X.)

A 1195. A workman employed in a railway wagon repairing shop, and engaged in screwing bolts for use in the repair of railway wagons.

A 1196. Workmen employed wholly or mainly in the construction and repair of floating pontoons.

A 1198. Estate carpenters, masons and slaters described as working at general estate repairs to farm buildings and cottages or rebuilding same in the Mostyn District, North Wales, when not occupied in their small holdings, at hay and corn harvest, and attending local cattle sales or fairs.

In the opinion of the Umpire, workmen as above described cannot be regarded as employed in an insured trade "occasionally only."

A 1203. Workmen engaged in making gun-sighting gear (other than optical instruments†).

A 1205. Workmen employed in an airship factory, and engaged wholly or mainly in driving an engine used in electrically compressing hydrogen gas for airships.

A 1207. Workmen described as lift ropers employed in the mechanical engineering department of the Underground Railways, and engaged wholly or mainly in removing and replacing ropes, sheaves and shafts in connection with the repair of passenger lifts.

A 1208. Workmen employed by a firm of cartridge case makers, and engaged wholly or mainly in the manufacture or repair of machinery or machine tools.

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* *See* paragraph 16, page vii, with reference to the question of munitions work.

† The position of optical instrument makers is dealt with in decision A 2040X.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1209. **Workmen engaged wholly or mainly in the making, fitting up and finishing of sword blades and bayonets, including the browning and testing and the fitting of the same to hilts.**

This decision supersedes decision B 1093.* *See also* decision A 1529.

B 1210. *Workmen employed by a railway company and engaged wholly or mainly in the upkeep, including the painting, of existing signal rodding and outside signal apparatus.* (*See also* decision A 2146X.)

A 1211. **Workmen engaged wholly or mainly in fixing in or round dwelling houses, shops and other buildings, gates and railings the fixing of which commonly forms part of a building contract.**

This decision modifies decisions B 682 and B 753.

A 1212. **Workmen engaged wholly or mainly in connection with insured trades, and employed as sketchers and progress men.**

B 1213. *A workman described as a rigger, and employed in keeping in repair all rigging on the masts of a wireless telegraph station.*

A 1214. Workmen engaged wholly or mainly in making up relief decoration in composition or carton-pierre for buildings, ships or vehicles. (*See also* **decision A 1148.**)

This decision supersedes decision B 1149.†

A 1215. Workmen described as joiners, and engaged wholly or mainly in making and repairing panels for the decoration of special saloon cars for railways.

A 1216. Workmen engaged wholly or mainly in making, finishing or fixing ferro-concrete and artificial stone in connection with any trade set out in Schedule VI. of the National Insurance Act, 1911, whether on the site or

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* Decision B 1093 was to the effect that contributions were not payable in respect of workmen engaged wholly or mainly in fitting to hilts, filing up, and finishing of sword blades.

† Decision B 1149 was to the effect that contributions were not payable in respect of workmen engaged wholly or mainly in making up at the works relief decoration in composition or carton-pierre.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

in a workshop or yard. (*See also* **decision A 2332X.)**

This decision reverses decisions B 610 (1), B 639 and B 641 so far as they relate to artificial stone, but not in so far as they relate to flags made for stock.*

A 1217. Workmen engaged wholly or mainly in making moulds for ferro-concrete or artificial stone mentioned in decision A 1216.

This decision modifies decision B 610 (2).*

A 1219. Workmen engaged wholly or mainly as toolsetters for general brasswork on capstan lathes and machine tools.

A 1220. Workmen described as stockfitters, and engaged wholly or mainly in fitting stocks for chills to be used in the manufacture of bedsteads.

A 1224. Workmen engaged wholly or mainly in the making, assembling or repair of automatic machines of a kind commonly found in railway stations or other public places. (*See also* decision **A 1293.)**

A 1225. Workmen employed in a mechanical engineering establishment, and engaged wholly or mainly in machining and assembling metal windows.

This decision reverses decision B 416.†

A 1226. Workmen employed by a local authority, and engaged wholly or mainly in reconstructing existing sewers by straightening and relaying the same.

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* Decisions B 610, B 639 and B 641 were to the effect that contributions were not payable in respect of :—

B 610. Workmen employed by a firm of artificial stone merchants, and engaged in : –
(1) Casting in moulds concrete blocks and slabs ;
(2) Making moulds for same.

B 639. Workmen engaged :—
(1) In making artificial stone or flags in cement concrete ;
(2) In a warehouse supplying builders' materials ;
(3) In the manufacture of crushed bricks, granite, slag, &c.

B 641. Workmen engaged in casting in moulds terra cotta or artificial stone.

† Decision B 416 was to the effect that contributions were not payable in respect of workmen engaged in the work of making metal window frames, other than those workmen who are covered by the decision relating to workers in an ron foundry.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1227. **Workmen engaged in marking out timber in connection with an insured trade.**

A 1229. **Workmen employed in connection with:—**

(1) the substitution of vertical for horizontal gas retorts;

(2) the conversion of gas-holder tanks into tar tanks.

A 1230. **Workmen engaged wholly or mainly in producing ebonite or vulcanised fibre parts for use as parts of the products of a mechanical engineering establishment.**

This decision is a revised wording of decision A 1169.

A 1232. **Workmen engaged in the manufacture of jacks and springs used as parts of lace-making or lace-finishing machines mentioned in decision A 458.**

A 1234. **Workmen engaged in asphalting roofs, foundations and yards connected with buildings when the work is of a kind commonly forming part of a building contract.**

This decision modifies decision B 738.

A 1235. **A workman employed in copper and brass rolling works, and engaged wholly or mainly in drilling copper plates for use in the fire-boxes of locomotive engines.**

A 1236. **Workmen engaged wholly or mainly in manufacturing tapered packing for shipbuilders.**

A 1237. **Patternmakers, fitters, turners, smiths and smiths' mates engaged in the manufacture of tools and accessories used in photo-engraving, such as whirlers, shoot planes, mounting punches, &c., and of parts of electrical lifts.**

A 1238. **Brassmoulders, brassfinishers or other workmen engaged wholly or mainly in the manufacture of portholes and deadlights for ships.**

This decision modifies decision **B 49** (*b*)* so far as the latter relates to portholes and deadlights for ships.

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* Decision B 49 (b) was to the effect that contributions were not payable in respect of brassfounders and other brass workers engaged in casting, machining or finishing window furniture and other brass hardware required in building, ship-building, cabinet-making, and in the construction of vehicles.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1240. Workmen engaged in the construction or repair of ovens for baking bread, biscuits, &c.

A 1241. Workmen engaged in the manufacture of sheet metal ranges for ships.

A 1242. Workmen employed wholly or mainly in the preparation of stone for use in insured trades by scabbling, scrappling or sawing machinery. (*See also* **decision B 40.**)

B 1243. *Workmen engaged in constructing or repairing ordinary agricultural drainage systems (exclusive of large works of construction).*

A 1245. A workman engaged wholly or mainly in fixing in a factory steel lockers made to specification for a particular building.

A 1246. Workmen engaged wholly or mainly in edging, drilling and rivetting pulleys (cast iron) for railway signals.

A 1249. A mill joiner engaged in making wood packing for levelling machinery.

A 1250. Workmen described as nail machine minders, and engaged in making and setting tools for nail and tack machines.

This decision modifies decision **B 966,*** which was intended to relate solely to "feeders" who feed wire or sheet iron into the machines.

A 1252. Toolmakers engaged wholly or mainly in making tools for use in the manufacture of jewellery, silver ware, medals, &c.

This decision reverses decision **B 647** (2).†

A 1253. Masons engaged wholly or mainly in building a wall of brick or stone and mortar round a church.

A 1254. Workmen engaged in the renewal of lifts of gas holders.

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* Decision B 966 was to the effect that contributions were not payable in respect of workmen engaged in minding machines for the purpose of making nails.

† Decision B 647 (2) was to the effect that contributions were not payable in respect of workmen engaged in making small tools (not being machine tools) for jewellery.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1255. Workmen (including women and girls) employed by a firm of printing machinery makers, and engaged wholly or mainly in making matrices for monotype machines.

A 1256. Workmen engaged wholly or mainly in running and fixing wires and cables in connection with the fixing of electrical signs on buildings.

A 1258. Workmen employed in a mechanical engineering establishment, and engaged in the manufacture of steel, wrought-iron, or steeled coffee-mills.

A 1259. Workmen engaged wholly or mainly in the repair or rebuilding of brick settings, furnace arches, furnace linings, or brick flues in connection with (1) all kinds of steam boilers, (2) brewery coppers.

***A 1260.** Workmen employed wholly or mainly in the construction or maintenance or repair of colliery offices, workshops, engine-houses, dwelling-houses or other buildings.

***A 1261.** Smiths and mechanics and their assistants employed wholly or mainly in workshops, and engaged in the construction or maintenance or repair of colliery machinery.

***A 1262.** Workmen employed wholly or mainly in the construction or maintenance or repair of railway wagons at collieries.

A 1263. Blacksmiths engaged in making ferrules for locomotive boilers. (*See also* decision A 2388.)

A 1264. Toolsetters engaged wholly or mainly in connection with the manufacture of telephone parts.

A 1267. Workmen engaged in heightening, extending and strengthening iron ore bunkers in connection with a blast furnace plant.

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* *Note.*—Decisions A 1260, A 1261 and A 1262 modify decision B 460. Decision A 1261 modified paragraph (5) of decision B 460, which was to the effect that contributions were not payable in respect of workmen described as colliery fitters, colliery blacksmiths, and their assistants, who are engaged wholly or mainly in maintaining colliery plant at the colleries, and not in the engineering workshops.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1268. Workmen engaged wholly or mainly in dressing tramway points, fitting the tongue and spring to work same and the lid that covers the spring box.

A 1269. Workmen, other than gardeners, engaged in the extension and laying out, levelling, &c. of a recreation ground, including the construction, reconstruction or alteration of any roads or paths in connection therewith.

A 1270. Workmen engaged wholly or mainly in assembling, finishing or completing pavement, vertical or lead lights, or reflectors, whether containing plain or stained glass, for buildings, ships or vehicles, and including all processes of cutting, fitting, cementing, electro-plating, in connection therewith and painting the frames.

This decision modifies decisions **B 737** and **B 799.** It should be noted that decision B **667** relates only to glass-manufacturing establishments.

A 1271. Workmen employed by a firm of earthenware manufacturers, and described as fitters and tool filers engaged in repairing tools for use in pottery machinery, and in fixing steam and gas pipes.

A 1272. Workmen engaged wholly or mainly in building walls of stone or brick and mortar round gardens or fields.

A 1273. Workmen engaged wholly or mainly in making patterns for motor car builders.

A 1274. Toolmakers making tools and chucks for the manufacture of pearl buttons.

A 1275. Workmen engaged wholly or mainly in the manufacture or fixing of sliding and folding partitions forming part of the fittings of a building.

A 1276. Workmen employed on road work, including the relaying of the surface, in connection with the construction, reconstruction or alteration of tramway lines.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1277. **Workmen employed by contractors as borers, to test the nature of the ground, in connection with the construction, reconsruction or alteration of works of construction.**

A 1278. **Workmen engaged wholly or mainly in the manufacture of wood block flooring for buildings.** (*See also* **decision A 1307.**)

This decision supersedes decision **B 678** (2).*

A 1280. **Workmen engaged wholly or mainly in the making or repairing of jacquards and dobbies.**

B 1281. *Workmen described as masons, bricklayers and labourers employed by a railway company, and engaged wholly or mainly in repairing tunnels on railway systems.*

B 1283. *Workmen employed in the running sheds of a railway, and engaged wholly or mainly in removing from beneath coaches, washing, assembling, replacing and charging electrical accumulators, in connection with railway carriages which are in use.*

A 1284. **Workmen engaged wholly or mainly in the manufacture or repair of coal and coke conveyors.**

A 1285. **Workmen engaged wholly or mainly in the construction, repair, decoration or demolition of covered markets.**

A 1286. **Workmen employed by a firm of electric lift, crane and process machine makers, and engaged wholly or mainly in turning and fitting parts of electric lifts, cranes, winches and process machinery.**

A 1287. **Workmen described as stone breakers, and employed by a firm of contractors in their workshops or yards, or on the site of building or constructional work.**

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* Decision B 678 (2) was to the effect that contributions were not payable in respect of workmen employed by a firm of timber merchants and manufacturers, and engaged wholly or mainly in sawing and cross-cutting wood for parquet floor-blocks.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1289. *Workmen employed by a railway company in the running shed, and engaged wholly or mainly in examining locomotives and tenders, and reporting any repairs that may be necessary, and not engaged wholly or mainly in executing repairs or in examining in the repair shop in connection with the execution of repairs.*

A 1291. **Workmen employed at iron works, and engaged wholly or mainly in the erection of an aerial ropeway.**

A 1293. **Workmen employed in painting automatic machines of a kind commonly found in railway stations or other public places.**

This decision should be read with decision **A 1224.**

A 1294. **Workmen engaged in the alteration of gas retorts from sloper beds to horizontal beds on old foundations.**

B 1296. *Workmen engaged wholly or mainly in the repair of open platforms, open cattle and other pens (not being buildings).*

A 1297. **Bricklayers, masons, carpenters, electricians and other workmen engaged wholly or mainly in the construction, alteration, repair, decoration or demolition of station buildings, including the verandahs, awnings, and protective roofing of platforms.**

A 1298. **Workmen engaged in reconstructing, widening or lengthening railway or other bridges, involving the taking down and rebuilding of abutment walls.**

A 1300. **Workmen described as smiths and strikers, fitters and improvers, planers, drillers or other mechanics and their assistants and labourers, and employed wholly or mainly in workshops connected with a tramway system.**

A 1301. **Workmen (including women) engaged in the manufacture (other than coil-winding*) and assembling of motor-starters.**

A 1302. **Workmen (including girls of the age of 16 or over) employed by a firm of cycle manufacturers, and engaged wholly or mainly in placing spokes in cycle wheels and tightening the same.**

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* The position of coil winders is dealt with in decisions A 1690X and A 1981 X

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1303. Workmen employed by a firm of electric cable manufacturers, and engaged in reinstating the roadway which has been taken up for the purpose of laying new electric mains.

A 1305. Wood workers engaged wholly or mainly in the manufacture of metal-covered shop fronts.

A 1306. Labourers employed wholly or mainly in assisting roll turners at a steel rolling mill.

A 1307. Workmen engaged wholly or mainly in glueing or joining up woodwork at the bench, to form parquet flooring.

A 1310. Workmen engaged in coiling and welding wrought iron tubing, and making wrought iron fittings for a small bore tube system of heating buildings.

A 1311. Workmen engaged wholly or mainly in the manufacture of machines and tools used by tin and sheet metal workers for the manufacture of buckets, trunks, cans, &c., or in the manufacture of machines and tools used for smoothing panels and rolling mudguards for the motor trade.

A 1313. Workmen described as slate floaters, and engaged wholly or mainly in preparing slate for use in the construction of chimney pieces.

B 1314. *Workmen engaged wholly or mainly in docking, undocking or shifting ships from berth to berth, or in clearing up holds, &c., in connection with the ordinary loading and unloading of ships.*

A 1315. Workmen engaged wholly or mainly in—

(1) Fixing or repairing or altering gas piping in buildings.

(2) Installing for the first time gas fittings.

This decision supersedes any previous decision in so far as it may be in conflict therewith.

B 1316. *Workmen engaged wholly or mainly in* (1) *disconnecting or reconnecting gas cookers, gas heating appliances and gas fittings (not including work on piping covered by decision* A 1315 *above).* . . .

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1319. **Workmen engaged in the repair of the framework supporting lead chambers used in the manufacture of sulphuric acid.**

A 1321. **Workmen engaged wholly or mainly in flattening or bending, or any process subsequent thereto, tubes, whether brazed, welded or seamless, which are intended wholly or mainly for the cycle or motor cycle trade.**

Decision **A 787** does not relate to processes prior to flattening.

Decision **B 901** (8), by which it was decided that contributions are not payable in respect of workmen who are engaged in flattening the ends, cutting and slotting cycles tubes, is cancelled.

A 1323. **Workmen employed in excavating a pit for a new oil storage tank, in connecting pipes and fixing a hand pump.**

A 1325. **Workmen engaged wholly or mainly in constructing mausoleums or vaults to which access can be obtained without the assistance of labourers.**

A 1326. **Workmen engaged in the manufacture or repair of cylinders for drying machines.**

A 1329. **Coppersmiths and helpers employed in establishments which are engaged wholly or mainly in preparing copper pipes for the conveyance of steam, including copper expansion bends, or in making copper fittings and appliances for use as parts of the products of a mechanical engineering establishment.**

A 1330. **Workmen engaged wholly or mainly in making, assembling or fitting parts of machines used by shopkeepers for fruit-cleaning, meat-mincing, filling sausage skins, slicing bread, corking bottles.**

A 1331. **Workmen engaged in whitewashing or lime-washing railway arches and similar structures which are used as stables, offices, warehouses, &c.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1332. Workmen described as joiners and their labourers, and engaged in repairing wooden water-cooling towers.

A 1335. Workmen employed wholly or mainly in machining or fitting moulds for use in the manufacture of gramophone records. (*See also* **decision B 2285.**)

A 1336. Springmakers, fitters or other workmen engaged wholly or mainly in making, or in fitting, or in machining laminated springs or spring buckles for vehicles.

This decision supersedes decisions **B 9, B 466** and **B 616** in so far as it conflicts with them.*

A 1338. Workmen employed in ordnance factories and described as spring fitters who are engaged in preparing springs for ordnance.

A 1340. Workmen (including glaziers, painters, polishers, &c.) engaged wholly or mainly in the manufacture, fitting or installing of shop fittings of wood.

This decision modifies decision **B 634**† so far as it relates to racks counters, showcases, &c., for shops, and decision **A 999** so far as the latter makes exception of " portable counters, showcases or other similar portable fittings."

The word " fittings " does not include articles of furniture which are ordinarily moved when the premises are swept out.

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* Decisions B 9, B 466 and B 616 were to the effect that contributions were not payable in respect of—

B 9. Workmen employed as spring makers making volute spiral and laminated springs ;

B 466. Spring makers employed in carriage and wagon works of railways ;

B 616. Workmen engaged wholly or mainly in marking, gauging, fitting, testing, drilling and machining of railway springs and spring buckles.

† Decision B 634 was to the effect that contributions were not payable in respect of workmen employed by a firm of dyers and cleaners and engaged wholly or mainly in making movable dye vats, racks, counters, screens, showcases, &c., not being fittings of wood of a kind commonly forming part of the construction or decoration of buildings.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1342. Workmen engaged wholly or mainly in making pneumatic tyre pumps which are worked by foot and not by hand.

A 1343. Workmen employed in the production or distribution of electricity in connection with establishments which are engaged wholly or mainly in carrying on any insured trade.

This decision does not relate to workmen employed by power companies which sell electricity for the purpose of insured trades.

A 1344. Workmen employed wholly or mainly in repairing brake or truck gear of tramway cars.

B 1346. *Brakesmen and brakesmen's mates engaged wholly or mainly in examining and cleaning, adjusting and oiling brake or truck gear of tramway cars.*

A 1350. Workmen employed in general sheet metal working establishments which are engaged wholly or mainly in making and preparing sheet metal stampings for use in connection with any insured trade.

A 1351. Workmen engaged wholly or mainly in the construction, alteration, repair, decoration or demolition of wooden stands, stagings and platforms.

This decision reverses decision **B 590** (2).* but does not affect decision **B 843.** It is itself modified by decision **B 1513.**

A 1352. Workmen described as engine tenters, engine drivers and stokers, and engaged wholly or mainly in tenting or minding engines or stoking boilers in connection with any insured trade.

This decision does not relate to workmen employed by power companies who sell power for the purpose of insured trades.

A 1354. Workmen engaged in the upkeep of a contractor's temporary tramways used in connection with construction of works.

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* Decision B 590 (2) was to the effect that contributions were not payable in respect of workmen engaged in erecting temporary wooden stands.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1355. Workmen engaged in the manufacture of submarine or divers' helmets.

A 1357. Workmen engaged in turning rolls for a wire mill.

A 1358. Workmen engaged wholly or mainly in the manufacture of platform weighing machines of a capacity of more than seven hundredweight.

The words "of a kind not commonly used in the retail trade" in decisions **A 303** and **A 557** are intended to exclude only scales and weighing machines of a weighing capacity and kind used on shop counters, or small platform machines of capacity of 7 cwt. or less.

A 1359. Workmen engaged in forging welded dies for jewellers', silversmiths' and other diemakers, or in forging tools for all classes of tool-makers.

A 1360. Workmen who are employed wholly or mainly in polishing parts of cycles or motor cycles, whether employed in cycle factories or elsewhere.

A 1361. Workmen engaged wholly or mainly in fitting or repairing ships' telegraphs in or on ships.

A 1362. Workmen, not being usually members of a ship's crew, who are engaged wholly or mainly in the upkeep and repair of dredger engines and hydraulic and other cranes.

A 1363. Workmen who are engaged wholly or mainly in repairing (including repainting)

(1) agricultural and garden machinery;
(2) agricultural implements which are worked or drawn by horse or mechanical power;
(3) hand machines such as chaff-cutters, &c.

A 1364. Workmen who are engaged in the manufacture or repair of boring tools used in prospecting for coal and other minerals.

A 1365. Workmen employed by a ship and general smith who are engaged wholly or mainly in making cargo blocks, snatch blocks, coal gins.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1366. **Workmen who are employed on board ship in polishing fittings of wood (including washstands, chairs, tables, lounges) which when in use are fixed to the ship.**

A 1368. **Workmen employed by a firm of painting contractors or builders, and engaged wholly or mainly in mixing, serving or delivering paint for the use of painters employed by the firm.**

This decision modifies decision **B 289*** so far as that decision relates to workmen employed by builders or contractors.

A 1369. **Workmen engaged wholly or mainly in the manufacture (including painting, enamelling, &c.) of bacon-slicing machines.**

A 1370. **Workmen engaged in the manufacture of machine tools such as drilling machines, &c.**

A 1371. **Workmen employed by vehicle-manufacturing or vehicle-repairing firms, and engaged wholly or mainly in vulcanising tyres, or in removing and replacing tyres.**

A 1372. **Workmen described as boilermakers and their labourers, and engaged wholly or mainly in the construction, upkeep or repair of chemical manufacturers' plant and the apparatus incidental thereto, such as rivetted tanks, pans, boilers, wagons, bogies, &c.**

This decision modifies decision **B 373.**†

A 1375. **Workmen employed wholly or mainly in the maintenance and upkeep of blast furnace plant, coke oven plant and their bye-product plants, and described as:—**

(1) Joiners, patternmakers and their labourers;

(2) Bricklayers, if engaged wholly or mainly in the upkeep and repair of buildings (including steam boiler settings);

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* Decision B 289 was to the effect that contributions were not payable in respect of a workman described as a shopman and engaged wholly or mainly in a painter's workshop off the building, preparing material for the practical painters, paper-hangers and decorators.

† Decision B 373 was to the effect that contributions were not payable in respect of workmen engaged in the work of repair of, *inter alia*, chemical plant.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

(3) Fitters (exclusive of pipe fitters) and their labourers;

(4) Boilersmiths, helpers and their labourers;

(5) Turners, drillers and their labourers;

(6) Blacksmiths, if engaged wholly or mainly in the repair of vehicles or machinery (including locomotive engines), or in work to be subsequently finished by mechanics;

(7) Electricians and assistants engaged wholly or mainly in the installation, upkeep and repair of electrical machinery (including conductors), electrical wiring for power, light or bells, in factories, workshops, or other buildings.

This decision supersedes any previous decision with which it may be in conflict. *See also* decisions **A 1475** and **A 1646X.**

A 1376. Workmen described as engaged in gun lock filing, gun furniture filing, making fore parts, making and filing sundry limbs, &c. for guns.

A 1378. Workmen engaged wholly or mainly in the manufacture of parts of perambulators, mail carts, folding cars and other baby carriages, as follows:—

(1) Ironwork, such as handle-levers, under-carriages, hood-irons;

(2) Bodies, whether of wicker, wood or other material;

(3) Hoods, aprons and cushions;

(4) In stove enamelling parts.

A 1380. Blacksmiths employed by the Tyne Improvement Commission, who are employed in workshops, and engaged wholly or mainly in the making and repair of rail ties, point rods, signal gear, and in the repair of locomotives, steam and hydraulic cranes, coal tips and staiths, and in making or repairing miscellaneous ironwork for the docks and railways.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1381. *Workmen engaged wholly or mainly in the installation and maintenance of telewriters.*

A 1382. **Workmen employed by ironmongers, and engaged wholly or mainly in repairing fixtures in buildings, such as gas, water or sanitary fittings, electric light or bell wires, grates, ranges, boilers, baths.**

A 1383. **Workmen engaged wholly or mainly in making or repairing summer houses or revolving shelters.**

B 1385. *Workmen employed wholly or mainly in laying and removing temporary light railways for hauling peat from peat bogs to the works of a manufacturing company.*

A 1386. **Workmen engaged excavating and concreting pit for new soap pans.**

A 1389. **Workmen engaged in making or erecting hoardings.**

A 1392. **Workmen described as tool-makers and tool-setters, and engaged in making and setting tools used in connection with the manufacture of scales.**

A 1393. **Workmen engaged in excavating and preparing the ground for foundations for the erection of a steel melting furnace.**

A 1394. **Workmen employed in textile mills, and engaged wholly or mainly in making or repairing winding stands.**

A 1395. **Workmen employed by a local authority and engaged in making good the surface of a road after it has been taken up for the purpose of reconstructing a sewer.**

A 1396. **Workmen and labourers engaged in excavating, concreting, or altering foundations for engines or machinery.**

A 1397. **Workmen engaged wholly or mainly in applying anti-corrosive materials to ships, or in melting the material in connection therewith.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1399. Smiths and helpers engaged wholly or mainly in preparing to order wrought iron stays, tie rods, king rods, angles, roof straps or other structural ironwork for builders.

In decision **B 183**,* the words " other articles of wrought iron " do not include structural ironwork for builders.

A 1401. Workmen engaged in erecting new pit-head gear, and not covered by decision B 460.

A 1402. Chemical works' plumbers engaged wholly or mainly in the construction of new chemical works plant, including extensions to existing plant.

B 1404. *Workmen engaged in removing or replacing turf, or in depositing clinker or clay in connection with the laying out of an ordinary cricket pitch in an existing park.*

A 1405. A smith employed by a railway company in the signal works, and engaged partly on signal work and partly in making platelayers' tools in the works.

A 1406. Workmen employed in the manufacturing or repair workshops of motor omnibus, motor cab, motor car or cycle proprietors, and engaged wholly or mainly in repairing, vulcanising, removing or replacing tyres.

This decision modifies decisions **B 819** and **B 1339**† so far as they apply to manufacturing or repairing workshops.

A 1407. Workmen described as leather roller coverers or turners employed in the jute and flax industry, and engaged both in covering with leather and in turning up the rollers, and in turning wood rollers.

This decision modifies decision **B 317** (3) ‡ (*See also* decisions A 2100X and B 2101.)

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* Decision B 183 was to the effect that contributions were not payable in respect of workmen described as general ironworkers, who are engaged wholly or mainly in the manufacture of wrought iron gates and railings and other articles of wrought iron.

† Decision B 1339 was to the effect that contributions were not payable in respect of workmen employed by a motor omnibus company, and engaged wholly or mainly in vulcanising tyres.

‡ Decision B 317 (3) was to the effect that contributions were not payable in respect of workmen engaged in the manufacture and fixing of roller covering.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1409. **Workmen described as die-sinkers employed in connection with the brass and miscellaneous metal trades (other than precious metals).**

A 1410. **Workmen employed as tool-, press-, or die-setters in connection with the cutting, stamping, or shaping of metal.**

This decision reverses decisions **B 270** and **B 698.** *

B 1411. *Workmen employed by railway companies as flagmen and look-out men, in connection with work in progress on the permanent way of a working railway.*

B 1412. *Workmen engaged in the repair of tin-streaming floors.*

A 1413. **All classes of workmen engaged wholly or mainly in the repair of locomotives, whether in connection with businesses included under the trades specified in Schedule VI. of the National Insurance Act, 1911, or otherwise.**

A 1414. **Workmen engaged in the manufacture of metal moulds for use in stamping soap in machines.**

A 1416. **Workmen engaged in laying tar-paving on school playgrounds adjoining the school buildings.**

This decision modifies decision **B 738.**

A 1418. **Workmen engaged wholly or mainly in making or repairing hand trucks with two or more wheels, including workmen employed in fitting or turning axles.**

This decision reverses decision **B 827** (2)† so far as it relates to station barrows.

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* Decisions B 270 and B 698 were to the effect that contributions were not payable in respect of :—

B 270. Workmen employed by a firm of biscuit makers, and engaged solely in the work of setting (or fixing) dies into the presses used in the manufacture of tin boxes for biscuits.

B 698. Workmen engaged wholly or mainly in putting in and taking out tools for making tin boxes, and not engaged wholly or mainly in making or repairing tools.

† Decision B 827 (2) was to the effect that contributions were not payable in respect of workmen employed by a railway company, and engaged in repairing, *inter alia*, station barrows.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1421. Workmen employed in workshops, and engaged wholly or mainly in planing, drilling, fitting and packing railway points and crossings.

This decision modifies decision **B 847**[*] so far as the latter relates to points and crossings.

A 1422. Workmen engaged in the manufacture of metal cases for the storage of explosives.

This decision modifies decision **B 1384.**[†]

A 1424. Workmen engaged wholly or mainly in constructing underground conduits for telegraph and telephone wires and cables.

B 1425. *Workmen engaged wholly or mainly in erecting poles, and in fixing, laying, or jointing overhead or underground telegraph and telephone wires and cables.*

A 1427. Workmen (other than carvers) engaged wholly or mainly in making or in erecting in churches, seating, reredoses, screens, fonts or pulpits of wood or stone, other than fonts or pulpits which are completed in the workshops, taken to the site in one piece, and not screwed, nailed or fixed in any way or scribed.

A 1428. Workmen (other than gardeners) employed in laying out a new burial ground, including construction of paths, erection of walls, &c.

A 1429. Workmen engaged in making up, i.e., shaping, coreing, metalling and paving, for the first time, a privately-owned road previously partially formed. (*See also* decision A 1498.)

A 1430. Workmen engaged in erecting fencing round reservoirs, filter-beds, or other works of construction in connection with the construction, reconstruction or alteration of such works.

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[*] Decision B 847 was to the effect that contributions were not payable in respect of rail bank workmen employed in connection with rolling mills, and engaged in straightening, drilling, planing and dressing, cutting, loading and discharging rolled rails.

[†] Decision B 1384 was to the effect that contributions were not payable in respect of workmen engaged in making sheet metal cylinders and cases for the packing and transit of explosives.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1431. **Workmen engaged wholly or mainly in the construction, alteration, repair or decoration, including wiring for electric lighting, of poultry houses which have foundations.**

A 1432. **Workmen described as ship scalers engaged partly in scaling and partly in cleaning ship's boilers, or in other work described in decision A 1131.**

A 1433. **Workmen engaged wholly or mainly in setting up machines for screwing or other work in connection with the manufacture of metal belt fasteners.**

A 1434. **Workmen employed in connection with construction of works, and engaged in rough trimming stone on the site of the works, after it has been removed from the quarry.**

A 1435. **Lavatory attendants employed in connection with any insured trade.**

A 1436. **Workmen engaged in—**

(a) excavating drain trenches alongside or across existing roads and laying, for the first time, surface-water and sub-soil drains, or channelling;

(b) making-up or paving, for the first time, foot-paths previously partially formed.

(*See also* **decision A 1498.**)

B 1437. *Workmen engaged in the upkeep of fires for drying the brickwork of new coke ovens.*

A 1438. **Workmen employed by colliery companies, and engaged wholly or mainly in the repair of steam boilers at collieries.**

***B 1439.** *A sea-going engineer engaged in the construction, alteration, repair or decoration of ships, boats, or other craft, provided that he holds a discharge book or certificate of discharge, and that:—*

(i.) such book or certificate shows that he was employed as a member of a ship's crew (a) *at some period within the preceding* 12 *months, and* (b) *for at least* 13 *weeks*

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* See paragraph 16, page vii, with reference to the question of munitions work.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

in the 12 months immediately preceding the last date of discharge; and

(*ii.*) *he declares his intention of going to sea again as soon as he has the opportunity.*

Note.—Contributions will in every case be payable after the lapse of 12 months from the last date of discharge. (*See also* decision **B 1460.**)

B 1441. *A workman employed wholly or mainly as mess-room attendant in connection with an establishment engaged in carrying on an insured trade.*

A 1442. **Workmen engaged in asphalting school playgrounds adjoining the buildings.**

This decision modifies decision **B 738.**

A 1443. **Workmen engaged wholly or mainly in casting iron or steel carving forks and steels.**

A 1445. **Workmen engaged—**

(1) in building on the site urinals, shelters of iron and similar structures; or

(2) in the preparation in a workshop of ironwork of such structures.

A 1446. **Workmen employed at a pipe foundry and engaged in painting castings such as iron pipes.**

A 1448. **Workmen engaged in preparing or erecting lych gates.**

A 1450. **Workmen employed by a copper smelting company, and engaged in the upkeep and repair of machinery, including machinery connected with calciner furnaces.**

A 1451. **Workmen engaged in overhauling and repairing old engines and machinery for the purpose of rendering them fit for re-use.**

A 1453. **Workmen engaged in converting foreign automatic machines to suit English coins.**

A 1455. **Workmen engaged wholly or mainly in driving a steam navvy used in connection with the construction, reconstruction or alteration of railways, docks or other works of construction.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1456. Workmen employed by cartridge manufacturers, and engaged wholly or mainly in the manufacture or repair of machine tools or small tools for use in machines.

A 1457. Workpeople employed by a firm of tube manufacturers and described as—

(1) Toolsetters.

(2) Toolmakers.

(3) Carpenters engaged in general repairs to the premises, or in making patterns for the foundry.

(4) All classes of workpeople described in decisions A 54 and A 58.

A 1458. Workmen engaged in removing a portion of a slag tip in order to prepare the ground for the erection of buildings and plant.

***B 1460.** *Any workman engaged in the construction, alteration, repair, or decoration of ships, boats or other craft, provided that he holds a discharge book or certificate of discharge, and that:—*

(*i.*) *such book or certificate shows that he was employed as a member of a ship's crew* (a) *at some period within the preceding* 12 *months, and* (b) *for at least* 13 *weeks in the* 12 *months immediately preceding the last date of discharge; and*

(*ii.*) *he declares his intention of going to sea again as soon as he has the opportunity.*

Note.—Contributions will in every case be payable after the lapse of 12 months from the last date of discharge.

A 1461. Workmen engaged in the manufacture of cycle and motor cycle saddles, including the fitting together of parts, but not including leather workers or the makers of coil springs.

This decision modifies decision **B 1333.**† (*See also* decisions A 2152X and A 2404X.)

A 1463. Workmen employed in excavating or in other work in a motor garage in connection with the construction of an inspection pit.

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* See paragraph 16, page vii, with reference to the question of munitions work.

† Decision B 1333 was to the effect that contributions were not payable in respect of workmen employed by a saddle-making firm, and engaged in fitting together metal and leather parts of cycle and motor cycle saddles.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1465. **Workmen employed by a railway company, and engaged in putting additional cables for electric light or power into existing culverts, the cost being charged to a revenue suspense account.**

A 1466. **A workman employed by a builder wholly or mainly as a yard labourer checking stuff in and out and keeping stock straight.**

A 1467. **Workmen employed in fixing and keeping in order sheets of iron on a factory floor to save wear and tear.**

A 1468. **Workmen employed in machining cast-iron rope wheels for hoists.**

A 1470. **Workmen engaged in repairing typewriters by substituting new for defective parts, or otherwise repairing.**

This decision supersedes decision **B 354.***

B 1472. *Workmen engaged wholly or mainly in fixing anthracite stoves where no brickwork is required.*

A 1473. **Workmen employed at quarries or elsewhere, and engaged in machining stone for insured trades.**

A 1475. **Workmen described in decision A 1375 when engaged wholly or mainly in the maintenance and upkeep of steel works plant.**

A 1476. **Workmen engaged as viewers, inspectors, gaugers, or examiners employed in connection with any insured trade, whose work consists of—**

(1) testing component parts with gauges;

(2) counting parts;

(3) putting together parts to see of they fit; or

(4) other similar work which is such that it can be done either by an unskilled person, or by a person having the training of a turner, fitter, or other mechanic.

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* Decision B 354 was to the effect that contributions were not payable in respect of workmen employed by a typewriter company, and engaged in the work of :—

(1) Aligning and adjusting typewriters shipped from abroad ;
(2) Cleaning and adjusting typewriters in use by the general public.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1477. *Contributions* **are not payable** (*except by agreement between the employer and workman*) *in respect of workmen employed in an insured trade in a district which is rural in its character who usually follow in that district some occupation other than an insured trade, provided that* all *the following conditions are fulfilled:*—

(a) *the workmen are employed so near their homes that they do not require to travel by rail;*

(b) *the workmen have not been employed in an insured trade for more than thirteen weeks in the two years preceding the commencement of the employment; and*

(c) *the employment has not amounted to more than thirteen weeks in an insured trade within two years.*

This decision, together with decision **A 1478** below, supersedes decisions **B 1288** and **B 1373.**

A 1478. Workmen employed in an insured trade in a district which is rural in its character who usually follow in that district some occupation other than an insured trade—

(a) from the commencement of such employment if—

(1) the workmen are employed at such a distance from their homes as to require them to travel by rail; or

(2) if they have been employed anywhere in an insured trade for a total of thirteen weeks in the two years preceding the commencement of the employment;

(b) otherwise, after the employment has amounted to thirteen weeks in an insured trade within two years.

This decision, together with decision **B 1477** above. supersedes decisions **B 1288** and **B 1373.**

A 1479. Workmen engaged wholly or mainly in the manufacture of wooden rollers for flax spinning machinery, including the processes of boring, drilling, turning, fluting, &c.

A 1481. Workmen engaged wholly or mainly in fixing lift enclosures in buildings, including the work of marking out, putting in position, &c.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1482. Workmen engaged wholly or mainly in digging and constructing military entrenchments.

A 1483. Workmen described as sheet metal workers, and engaged in the manufacture of—

(1) Gear cases, petrol tanks, hoods, guards, silencers, rims, wings, sides, panels, bonnets, radiators, for motor cars or motor cycles;

(2) power-driven fans;

(2) sheet metal ranges for ships; ships' funnels; ventilator cowls for ships;

(4) automatic machines; mechanically-actuated petrol air gas apparatus;

(5) power-driven tea mixing, milling and blending machines;

(6) tin rollers for spinning mules; cylinders and copper rollers for drying machines; sliver cans;

(7) submarine or divers' helmets;

(8) any other sheet metal works or stampings for use in the trades of mechanical engineering, shipbuilding, or construction of vehicles, except such articles as are specifically included in decision A 2328X.

This decision modifies any previous decision with which it may be in conflict.

A 1485. Workmen engaged wholly or mainly in repairing quarry tubs or wagons.

A 1487. Fitters, turners, machinists, or other workmen engaged wholly or mainly in repairing machinery connected with galvanising pots.

A 1488. Workmen engaged in cutting and machining worms and wheels for use in connection with searchlights.

A 1489. Joiners engaged partly in joinery, sawing, &c., and partly in setting out in connection with any insured trade.

A 1491. War refugees employed as workmen in insured trades.

A 1494. Workmen engaged wholly or mainly in the manufacture of steam-jacketed pans for preserve or confectionery manufacturers.

A 1495. Workmen engaged in making floating targets.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1496. **Workmen engaged in making drag devices for textile machinery.**

B 1497. *Persons described as piecework counters or measurers in connection with shipbuilding.*

A 1498. **Workmen engaged wholly or mainly in resurfacing existing roads where it is necessary to relay or to strengthen the foundations, including laying for the first time, or relaying, concrete underlying wood, stone, brick, asphalte, &c., but excluding—**

(1) putting a thin layer of concrete over existing concrete merely for the purpose of smoothing the surface or of adjusting the level;

(2) reinstatement of the roadway solely in connection with repairs to mains or to tramway lines;

(3) work in connection with isolated patching of foundations.

This decision modifies any previous decision with which it may be in conflict.

A 1499. **Workmen described as hosiery mechanics or machine charge hands, and engaged wholly or mainly in the upkeep and repair of hosiery machinery.**

B 1500. *Workmen employed at factories in the manufacture of tar macadam.*

A 1501. **Workmen engaged in the manufacture of brake blocks for vehicles, other than such as are described in decision No. B 558*.** (*See also* decisions **B 2206** and **A 2220X**.)

A1502. **Pig bed moulders and their labourers employed at iron or steel works and engaged mainly in casting tuyere pipes, shutters, &c., in connection with the upkeep of blast furnaces.**

This decision reverses decision **B 1374** (4).†

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* Decision B 558 was to the effect that contributions were not payable in respect of workmen engaged in sawing, moulding, &c., brake blocks for cycles, from compressed paper and (or) vulcanised fibre.

† Decision B 1374 (4) was to the effect that contributions were not payable in respect of workmen employed wholly or mainly in the maintenance and upkeep of blast furnace plant, coke oven plant, and their bye-product plants (other than buildings and machinery or vehicles), and described as pig-bed moulders and their labourers.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1503. **Workmen described as pin machine minders, and engaged in making and setting tools for pin machines making any class of pins.**

A 1504. **Workmen engaged wholly or mainly in making odd sides, in plaster, for use in iron foundries, or in brass, &c., foundries covered by decision A 23.** (*See also* decision A 1965X.)

A 1506. **Rivet makers employed at an establishment which is engaged wholly or mainly in carrying on any insured trade, and engaged in making rivets to be used in constructing other products in the same establishment.**

A 1507. **Workmen engaged in the manufacture of tubes for shrapnel shells.**

A 1508. **Workmen employed by glaziers or builders and engaged in cutting glass for buildings.**

A 1511. **Mechanics and their helpers engaged partly in the repair and upkeep of machinery and partly in machining flanged or special pipes.**

This decision modifies decision **B 1452.***

B 1513. *Workmen employed in connection with exhibitions and engaged wholly or mainly in putting together ready-made parts of exhibition stands such as are not made for one special occasion; laying linoleum, putting on bunting, &c.*

This decision modifies decision **A 1351.**

A 1514. **Workmen employed at collieries or quarries and engaged wholly or mainly in the manufacture of iron or wooden trams, tubs, hutches or corves.**

A 1515. **Workmen engaged wholly or mainly in the construction of tar boilers or asphalte cauldrons.**

A 1516. **Workmen employed by a gun manufacturer partly in shooting guns and rifles for the purpose of testing, and partly in adjusting sights, &c.**

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* Decision B 1452 was to the effect that contributions were not payable in respect of workmen employed by pipe founders, and engaged wholly or mainly in machining the faces or flanges or other parts of cast-iron pipes.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1521. All workmen engaged in the manufacture of fuses (exclusive of filling†) for use in connection with artillery ammunition.

This decision is a revised wording of decision **A 514.**

B 1522. *Workmen engaged in the repair or maintenance of turntables for railway trucks or wagons.*

A 1523. Workmen engaged in the repair or maintenance of railway engine turntables.

A 1524. Workmen engaged in fitting, cutting, and erecting girders and steel netting for the protection of buildings from bombs.

A 1525. Workmen engaged in fixing or polishing on the site artificial marble or in making or preparing such marble in a workshop to specification for a particular building.

A 1526. Workmen engaged in turning iron rolls for rolling brass, nickel-silver, or other metals.

A 1527. Workmen engaged in cutting or in machining copper rings for use as shell bands.

A 1528. Workmen engaged in filing dies and cutters for stamping table blades.

A 1529. Workmen (excluding engravers) engaged in making sword hilts, in fitting them to blades, or in making metal parts of scabbards.

See also **decision A 1209.**

A 1531. Workmen engaged wholly or mainly in making engine covers for motor boats.

A 1532. Workmen engaged in turning, machining, or finishing moulds or patterns of iron or steel for use in connection with the shaping of rubber, vulcanite, ebonite, &c.

This decision reverses decision **B 932*** in so far as the two may conflict.

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† The position of workmen engaged in filling is dea with in decision A 2405X.

* Decision B 932 was to the effect that contributions were not payable in respect of a workman engaged in making moulds for shaping micanite for use in the manufacture of insulators.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1534. **Workmen engaged in repairing lock gates constructed wholly or mainly of iron or steel which are removed from their positions for repair.**

This decision modifies decisions **B 654** and **B 655.**

A 1535. **Workmen described as lace-curtain machine inside hands.**

This decision reverses decision **B 797** (1).

A 1537. **Workmen who are employed in an establishment which is engaged wholly or mainly in the repair of vehicles and who are engaged in making iron and steel hardware in connection with such repair work.**

This decision modifies decision **B 1295.***

A 1538. **Workmen engaged in the manufacture of pit cages.**

A 1539. **Storekeepers and assistants employed wholly or mainly by way of manual labour in connection with factories and workshops which are engaged in carrying on insured trades.**

A 1540. **Workmen employed wholly or mainly by way of manual labour and engaged in assisting testers of electrical machinery.**

B 1541. *Testers of electrical machinery who are not employed wholly or mainly by way of manual labour.*

A 1543. **Workmen (including women) engaged in packing shrapnel shells with bullets, resin, &c.**

A 1547. **Workmen engaged in the manufacture of aeroplane bombs other than those described in decision A 2337X.**

B 1549. *Charwomen engaged in cleaning offices.*

A 1550. **Workmen employed by timber merchants to erect fences under a sub-contract from builders when the erection of the fences would have been insured work if done direct by the builders.**

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* Decision B 1295 was to the effect that contributions were not payable in respect of workmen engaged in the manufacture of iron and steel hardware for vehicles, and not employed in mechanical engineering or in vehicle constructing establishments.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1551. Workmen employed in fitting together and assembling parts of blowpipes, regulators and metal cutters for oxy-acetylene welding.

A 1552. All classes of workpeople engaged wholly or mainly in the manufacture of twist drills, reamers, cutters, metal-slitting saws, taps, dies, tube expanders or ratchet braces.

This decision must be taken as modifying any decision with which it is in conflict.

A 1553. Workmen engaged in making iron or steel piston rings.

A 1554X. Sewing machinists and hand needlewomen employed in the making of shirts, haversacks, gas masks, kit bags, water-bottle covers for military purposes.

A 1555X. Workmen employed in ironmongers' shops, and engaged wholly or mainly in the repair of locks, keys, saucepans, kettles and similar metal utensils.

A 1556X. Workmen employed as solder makers and engaged in melting, mixing and pouring of scrap white metals.

A 1557. Workmen engaged in the manufacture of canopies for perambulators.

A 1558X. Workmen engaged wholly or mainly in cutting and sewing cotton bandoliers ordered by the Director of Army Contracts.

A 1560X. Workmen engaged in the manufacture of iron and steel tubes and fittings.

A 1561X. Workmen engaged wholly or mainly in the manufacture or repair of portable cans, small tanks, aluminium boxes and gauges.

A 1562X. Workmen engaged in sawmilling or machine woodwork for colliery purposes.

A 1563. Workmen engaged in rolling to special shape, finishing and screwing streamline wires for aeroplanes.

A 1564X. Workmen engaged in the repair (including cleaning) of gas cookers, gas fires, gas boilers and gas radiators, and in the repair of gas fittings.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1565X. Workmen engaged wholly or mainly in the manufacture of bolts, nuts and rivets. (*See also* decision A 353 (*a*).)

A 1566X. Workmen engaged in the manufacture of military equipment, tents, projectile slings, lanyards, grenade buckets and tarpaulins for military use.

A 1567X. All workmen engaged in the manufacture of domestic tanks, cisterns and hot water cylinders, metal cattle troughs, &c.

B 1568. *Workmen employed in manufacturing machine-made oakum from Indian jute or Indian hemp.*

A 1569X. Workmen employed in the manufacture of British warm (mounted) service coats and Serbian great coats for military use.

A 1570X. Fitters, pressers, turners, polishers and other workmen (including labourers) engaged in the manufacture of locks.

A 1571X. Oil blenders, varnish makers, gum runners for varnish making, labourers, packers, grease makers, engineers, and any other workmen employed in connection with the manufacture of varnish.

A 1572X. Workmen employed in the manufacture of leather, chamois and doeskin gloves.

A 1573X. Workmen (male or female) engaged wholly or mainly—

(1) on the manufacture of tents, sleeping bags, tarpaulins, wagon covers for the War Office;

(2) on the manufacture of projectile slings of web fitted with wooden battens for the Ministry of Munitions; or

(3) as warehousemen or packers of any kind employed wholly or mainly by way of manual labour in connection with the above classes of work for the War Office and the Ministry of Munitions.

A 1574X. Workmen engaged in making spiral springs.

A 1575X. Workmen engaged wholly or mainly in the manufacture of ladies' leather handbags or of fancy leather articles, such as photo frames, cigarette cases, &c.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1576X. Workmen engaged in the manufacture of small gold and silver articles, such as cigarette cases and photo frames.

B 1577. *Workmen employed to unload drays, stock, and load up again on despatch, goods such as iron and steel bars, sheets, plates.*

A 1578X. Tailors, machinists, pressers, and other workmen (including labourers) engaged wholly or mainly in making leather suits for the Royal Flying Corps, leather motor clothing and leather clothing generally.

A 1579X. Workmen (including labourers) engaged in the manufacture of engineering bricks from colliery shale.

A 1580X. Workmen (including women) employed in a firm of coffin furniture manufacturers and engravers who are engaged in making metal articles of coffin furniture, and including engravers, blackers, bronzers, lace cutters, lacquerers, packers, wrappers, rough warehousemen (including women), porters, messengers (if employed mainly on the premises), power motor attendants.

B 1581. *Workmen employed as colliers and miners of fireclay and coal.*

A 1582X. Workmen employed in the manufacture of metal safety pins, including cleaning, plating and japanning.

B 1584. *Workmen (including women) engaged in spinning flax yarn or in weaving such yarn into sailcloth.*

A 1585X. Workmen engaged in the manufacture of metal buckets, baths and dustbins.

B 1586. *Workmen (including women) engaged wholly or mainly in—*

(1) *the manufacture by hand of garden rustic goods (seats, chairs, arches, etc.);*

(2) *collecting waste wood, chopping odd pieces into chips by hand, and bundling the pieces in machines operated by foot power.*

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1587X. Workmen (including women) engaged wholly or mainly in cutting by means of a circular saw or other machinery—
(1) timber for use in the manufacture of garden rustic goods (seats, chairs, arches, &c.), or
(2) colliery pit props and sleepers.

A 1588X. Workmen employed as makers or finishers of metal guides for use in the manufacture of velvet.

A 1589X. All workmen engaged in the manufacture of metal bedsteads, including casting, painting, ornamenting, assembling, polishing, lacquering, wrapping in paper, and packing.

A 1590X. Acidmen, detoluator men, nitrator men, sulphonator men, granulators, drying house men, laboratory men, packers, and all other classes of workmen and labourers employed in the manufacture of picric acid, T.N.T., and similar substances.

A 1591X. Workmen engaged in brass founding, brass turning, screwing and drilling tin and sheet metal work, in connection with the manufacture of miners' lamps and apparatus.

A 1592X. Workmen engaged in the manufacture of steel rolling shutters.

B 1593. *Workmen employed by a firm of metal merchants, sorting and cleaning metal, or breaking, cutting and sorting scrap.*

A 1594X. Workmen and labourers engaged in the manufacture, including wheeling and bagging, of chemical manures or artificial fertilisers.

A 1595X. Workmen employed wholly or mainly in the manufacture of military musical instruments.

B 1596. *Workmen engaged wholly or mainly in cotton waste spinning, whether intended for war purposes or not.*

B 1597. *Workmen engaged in quarrying limestone or other stone.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1598X. **Workmen engaged in the manufacture of Army uniforms under contract or sub-contract from the War Office.**

A 1599X. **Nitrator men, refrigerator men, separator tower men, wash-house men, acidmen, mixing house men, incorporators, acetone recovery men, dryers, blenders, pressmen, magazine men, and all other classes of workmen and labourers employed in the manufacture of cordite, guncotton, and similar substances.**

A 1600X. **Annealers, blockers, capmakers, envelope drawers, lead coremakers, fillers, press-workers, wad cutters and all other classes of workmen and labourers employed in the manufacture of cartridges for small arms.**

B 1601. *Workmen employed as storemen by a firm of cement merchants, and engaged in receiving and despatching cement.*

A 1602X. **Workmen, including warehousemen, engaged in the manufacture of French polish and spirit varnish.**

A 1603X. **Axe makers, knife and scissors forgers, sawsmiths, scythe makers, hardeners, polishers, engravers, and all other classes of workmen and labourers engaged in the manufacture of cutlery or edge tools.** (*See also* decision **B 2363.**)

A 1604X. **Workmen employed wholly or mainly in the manufacture of spare wheels for motor cars.**

B 1605. *Workmen employed as getters, dryers and grinders of fuller's earth or as steam wagoners and general labourers employed in connection therewith.*

A 1606X. **Workmen engaged in making, painting or repairing, metal safes, strong rooms or other kindred objects.**

A 1607X. **Workmen, including mixers, metal smiths, metal spinners, silversmiths, and other workmen, engaged in the manufacture or repair of Britannia metal goods.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1608X. Blenders, brimstone grinders, charcoal grinders, granulators, incorporators, reelers, sizers, sifters, labourers, and all other classes of workmen employed in the manufacture of gunpowder.

B 1609. *Workmen engaged in making imitation leather not intended for use in war.*

A 1610X. Workmen employed wholly or mainly in the manufacture of metal pins for use in textile machinery.

A 1611X. Workmen engaged in fitting up, finishing ready for sale, or repairing metal gas cooking apparatus, coal and coke stoves, ranges or grates, and gas stoves, including workmen engaged in assembling, grinding, polishing, blacking, packing and despatching.

A 1612X. Workmen engaged in the manufacture and assembling of pyrometers and other instruments, composed wholly or mainly of metal.

A 1613X. Workmen engaged in making metal helmets or body armour.

A 1614X. All classes of workmen employed in sheet, black plate, tin and terne plate works.

A 1615X. Workmen engaged wholly or mainly as silversmiths, silver mounters and silver polishers.

A 1616X. All classes of workmen engaged in the manufacture of aniline dyes.

A 1617X. All classes of labourers in factories and workshops or in yards or stores immediately connected therewith, when the aforesaid factories or workshops are wholly or mainly engaged in carrying on any of the trades insured under the provisions of the First Schedule to the National Insurance (Part II.) (Munition Workers) Act, 1916, or wholly or mainly in munitions work.

A 1618X. Workmen engaged wholly or mainly in the manufacture of rum and vinegar jars intended for use in war.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1619X. Workmen engaged in making and repairing—

(1) Ships' binnacles and binnacle lamps;

(2) Ships' compasses;

(3) Nautical instruments.

A 1620X. Workmen employed in the manufacture of radiators.

A 1621X. Workmen engaged wholly or mainly in the manufacture of cod liver oil.

A 1622X. Workmen engaged in the manufacture of breeze concrete partitions for buildings.

A 1623X. Workmen engaged in the manufacture of buffalo-hide pickers.

A 1624X. Workmen engaged in making annealing pots for tinplate works.

A 1625X. Workmen employed wholly or mainly in the manufacture of metal hand tools.

A 1626X. Workmen, described as moulders, coremakers, casters, pourers, smelters, crucible men, trimmers, firemen and all other classes of workmen and their assistants and labourers, employed by firms of brassfounders or brassfinishers in foundries or finishing shops which are working in aluminium or in brass, bronze, gun-metal or other alloy, or in yards or stores immediately connected therewith. (*See also* decision **A 23.**)

B 1627. *Workmen employed by a firm of cleaners and dyers who are engaged in cleaning or dyeing clothing not intended for use in war.*

B 1628. *Workmen employed in mining ironstone or limestone.*

A 1629X. Workmen engaged wholly or mainly in the manufacture of sporting ammunition.

B 1630. *Workmen engaged wholly or mainly in the manufacture of baskets and skips from cane and willow wood not intended for use in war.*

A 1631X. Workmen engaged wholly or mainly as file-cutters, hardeners, grinders, &c.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

***B 1632.** *Workmen engaged in the manufacture of boxes made of card, paper, chip, or other similar material.*

A 1633X. Workmen engaged in the manufacture of metal electric light and gas fittings, including pendants, brackets, metal hall lamps, main cocks, unions, swivels, &c.

B 1634. *Workmen engaged in the manufacture of gas mantles for sale to munition factories.*

A 1635X. Workmen of all kinds employed in the manufacture of wire ropes, including those engaged in handling wire on receipt, testing wire (if engaged wholly or mainly by way of manual labour), winding wire on the bobbins preparatory to spinning, spinning wire into strands, closing strands into ropes, splicing thimbles or other fittings on to the ropes, or otherwise splicing ropes, packing ropes or preparing them for despatch, or in running (including upkeep) of plant, or as labourers, whether such wire ropes are intended for use in war or not.

A 1636. Workmen, including machinists and unskilled labourers, engaged in the manufacture of percussion primers or friction tubes for artillery ammunition.

A 1637X. All workmen (other than fellmongers) engaged in preparing or converting hides or skins into leather (including the processes of currying, dressing and finishing).

A 1638X. Workmen engaged in the manufacture of parchment, vellum or raw hide leather.

A 1639X. All workmen engaged in the manufacture of india-rubber, gutta percha, balata or ebonite, or in reclaiming waste rubber.

A 1640X. Workmen (including labourers) employed at blast furnace works, or in the yards or stores immediately connected therewith, and engaged in calcining ironstone for use in the blast furnaces. (*See also* decision **A 2071X.**)

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* Decision B 1632 has been modified by decision A 2144X.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1641X. Workmen (including labourers) engaged in the manufacture of pig-iron, wrought-iron and steel, in the rolling thereof, or in forging of all descriptions whether by hand or machinery.

B 1642. *Workmen engaged in the manufacture of vests, socks, stockings, body belts or other articles of hosiery, when such articles are for ordinary commercial use and not for use in war.*

A 1643X. Workpeople engaged in the manufacture of vests, socks, stockings, body belts, or other articles of hosiery intended for use in war.

A 1644X. Workmen engaged in the manufacture of roofing felts.

A 1645X. Workmen engaged in the manufacture of white lead, lead oxide, silicate of lead, nitrate of lead, theosulphate of lead, or other lead compounds, and described as processmen, gas plant workers, gas engine drivers, steam boiler attendants and yard labourers.

A 1646X. Workmen engaged wholly or mainly in repairing furnaces or other plant used either in munitions work as defined by the Munitions of War Acts, 1915 and 1916, or in any trade mentioned in the First Schedule to the National Insurance (Part II) (Munition Workers) Act, 1916 (other than workmen engaged wholly or mainly in the repair of buildings or machinery, who are insured under the provisions of Part II of the National Insurance Act, 1911).

A 1647X. Workmen engaged in the manufacture of earthenware plates, bowls, &c., for the Army or Navy.

A 1648X. Workmen engaged wholly or mainly in the manufacture of hospital furniture constructed of metal, *i.e.*, operating tables, ward tables, leg baths, sterilizers, &c.

A 1649X. Workmen engaged in the manufacture of stiffeners, shanks and boards for boots and shoes if composed wholly or mainly of leather, including compressed leather from leather shreds.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1650X. Workmen engaged in drawing, annealing, cleaning or finishing wire, or in weaving wire by hand or machine.

A 1651X. Smiths, stampers, piercers, and other workmen engaged in general oddwork on metal goods.

A 1652X. Workmen engaged wholly or mainly in converting timber or logs into planks, boards or scantlings, by machinery, including workmen employed by timber merchants who own or work sawmills.

B 1653. *Workmen engaged wholly or mainly in gilding, and in the repair of gilt work on picture frames.*

A 1654X. Workmen engaged in polishing, plating or enamelling metal goods, whether carried on as a separate business or in conjunction with other manufacturing processes, and whether in connection with articles intended for use in war or not.

B 1655. *Workmen engaged as polishers and assemblers of small celluloid ornaments.*

A 1656X. Workmen engaged in the manufacture of alizarine dyes.

B 1657. *Workmen engaged in weaving cotton cloth to be used in the manufacture of card clothing.*

A 1658X. Workmen engaged wholly or mainly as spectacle glaziers and fitters of lenses to spectacle frames for the Army.

A 1659X. Workmen (including packers) engaged in the manufacture (including nickel plating) of needles, pins, hatpins, or metal crochet hooks.

A 1660X. Workmen employed in connection with the extraction of sulphur from pyrites, and in connection with any further treatment of burnt ore for the production of iron or copper.

B 1661. *Workmen engaged wholly or mainly in quarrying sandstone for making grindstones.*

A 1662X. Workmen engaged wholly or mainly in the conversion of soda ash into soda crystals.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1663X. Workmen employed in a smelting works, *i.e.*, for the recovery of tin and steel from tinplate scrap.

B 1664. *Cooks, mess-room attendants and other workpeople employed wholly or mainly in canteens preparing food for workpeople in munitions factories or other factories or workshops engaged in any insured trade.*

B 1665. *Workmen employed by a rubber merchant and not employed in connection with the manufacture of rubber or rubber goods.*

A 1666X. Workmen employed in the manufacture or repair, including soldering, of:—
(1) metal stamping to form artificial wreaths;
(2) metal table decorations to hold cut flowers;
(3) metal epergnes and crosses for graves.

A 1667X. Workmen engaged in the manufacture of plumbago crucibles for use in the manufacture of munitions of war.

A 1668X. Workmen (including labourers) engaged in the extraction of potash from waste products by solution.

A 1669X. All classes of workmen employed in the manufacture of metal needles.

A 1670X. Workmen engaged in the manufacture, including engraving and polishing of brass memorial tablets and name plates.

B 1671. *Workmen engaged in felling timber or in cross-cutting timber by hand.*

B 1672. *Workmen engaged in spinning or weaving in connection with the manufacture of materials for making surgical dressings.*

A 1673X. Workmen engaged in the manufacture of surgical dressings, whether intended for use in war or not, other than those engaged in spinning or weaving the materials.

A 1674X. Workmen, including grindstone turners and holers, sawyers, enginemen and labourers, employed wholly or mainly in the manufacture of grindstones for use in the manufacture of munitions of war.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1675X. Workwomen engaged wholly or mainly in making up shell bags of textile materials under contract with the Ministry of Munitions.

*** B 1676.** *Workmen (including women) engaged in spinning cotton yarns, or condenser yarns not containing wool.*

*** 1677X. Workmen engaged in the manufacture (excluding weaving or any anterior process) of towels, sponge cloths, handkerchiefs, sheets, &c., when intended for the Army or Navy.**

A 1678X. Workmen described as stampers, burnishers, warehousemen, press hands and cleaners, and engaged in the manufacture of metal buttons.

A 1679X. Plumbers engaged in general repair work at ironmongers' shops.

A 1680X. Forgers, filers, grinders, turners, and finishers engaged in the manufacture of surgical instruments.

A 1681X. Workmen engaged in the manufacture of vulcanite penholders and fountain pens made from vulcanite rods.

B 1682. *Workmen employed wholly or mainly in handling timber in yards which are not immediately connected with sawmills or machine woodworking establishments, or establishments engaged wholly or mainly in carrying on any other insured trade or munitions work.*

A 1683X. Oil blenders engaged in blending lubricating and burning oils.

B 1684. *Foremen, booking clerks in the works, timekeepers, caretakers or watchmen, unless engaged wholly or mainly by way of manual labour, employed in connection with any trade insured under the National Insurance (Unemployment) Acts,* 1911-1916, *or in connection with munitions work.*

A 1685. Workmen engaged in finishing the channelling of wing spars and ash parts of aeroplanes.

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* *See also* Unemployment Insurance (Munition Workers) Exclusion Order, 1916, p. v.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1686. *Workmen employed as warehousemen, porters, carriers, messengers, timekeepers, cleaners or other general labour at commercial warehouses used for the purposes of storage and sale, and not immediately connected with a factory or workshop which is engaged in carrying on any insured trade.*

A 1687X. **Workmen employed—**

(a) In manufacturing and compressing oxygen gas into cylinders, including labourers loading, unloading, &c.

(b) In annealing, testing and valving oxygen cylinders.

A 1688X. **Workmen engaged in the manufacture of borax and boron products.**

A 1689X. **Workmen engaged in the manufacture of all classes of bricks, including stock bricks, facing bricks, glazed bricks, silica bricks and firebricks, whether moulded or formed by hand or by machinery.**

A 1690X. **Workmen engaged in—**

(1) Armature and coil winding,

(2) Mica and insulation cutting,

(3) Commutator assembling,

in connection with the manufacture of electrical machinery and instruments.

A 1691X. **Workmen engaged in the manufacture of electrical recording, measuring and testing instruments, such as ammeters, voltmeters, meggers, &c.**

A 1692X. **Workmen engaged in the manufacture (including assembling) of sparking plugs and magnetos.**

A 1693X. **Workmen (other than those engaged in the manufacture of porcelain parts) engaged in the manufacture (including assembling) of small electrical switches, fuses and lampholders.**

A 1694X. **Workmen engaged in the manufacture of electrical batteries and accumulators.**

B 1695. *Workmen (other than metal filament and metal cap makers) engaged in the manufacture of electric glow lamps, unless these are intended for use in war.*

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B 1696. *Workmen engaged in cleaning, carding, spinning and other processes up to and including weaving of textile materials (other than balloon fabric or materials containing wool).**

A 1697X. Workmen engaged wholly or mainly in the manufacture (including purifying, refining and recrystallising) of fine and pharmaceutical chemicals (including alkaloids).

B 1698. *Workmen engaged wholly or mainly in the compounding and preparing for sale of tinctures, extracts, pills, tablets, ointments, and similar pharmaceutical and galenical preparations, unless covered by decision* A 1697X, *and provided that the said preparations are not intended for use in war.*

A 1699X. All workmen engaged in connection with the manufacture of vegetable oils.

A 1700X. Workmen engaged in melting steel for steel foundries or in working producer gas plant in connection therewith.

B 1701. *Workmen employed at fire-clay mines, including clay getters, banksmen, and haulagemen taking the clay to the tipping mound.*

A 1702X. Workmen engaged in the manufacture of tin boxes, including packers, lift attendants, japanners of boxes, storekeepers if employed mainly in manual labour, waste and tin scrap sorters.

B 1703. *Workmen engaged in assembling boxes of cardboard with tin ends.*

A 1704X. Workmen engaged in the manufacture of lacquers, whether for war purposes or otherwise

B 1705. *Workmen engaged in the manufacture of overalls or other garments (not being leather goods or goods made from rubber) to be worn by munition workers or by workers in any of the trades insured under the National Insurance (Part II.) (Munition Workers) Act,* 1916.

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* *See also* Unemployment Insurance (Munition Workers) Exclusion Order, 1916, p. v.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1706X. Workmen employed in the manufacture of card clothing, including the making of foundations, but not including weaving, when such card clothing is to be used in munitions work. (*See also* decision **A 2147X.**)

A 1707X. Workmen engaged in the manufacture of (1) waterproof ground sheets, (2) flexible speaking tubes for ships, whether intended for use in war or not.

A 1709X. Workmen engaged in the manufacture of metal pens.

B 1710. *Workmen employed by electric cable manufacturers and engaged in insulating cables with paper, fibre or similar material other than rubber or gutta percha, not intended for use in war.*

A 1711X. Workmen employed by electric cable manufacturers and engaged in:—
(1) stranding wire;
(2) insulating with rubber or gutta percha;
(3) lead sheathing or armouring.

A 1712X. All classes of workmen engaged in the manufacture of golf balls.

A 1713X. Workmen engaged in the manufacture of rubber solution.

B 1714. *Persons described as calibrators or test room assistants, and engaged mainly in calibrating or testing electrical instruments.*

A 1715X. Workmen employed by an iron and steel and shipbuilding company as locomotive drivers, wagon shunters, railway guards and wagon checkers, employed mainly on the works premises.

A 1716X. Workmen (including women, and boys and girls over 16 years of age) engaged wholly or mainly in the manufacture of naval and military embroidered badges.

A 1717X. Workmen engaged in making hats or caps intended for use in war.

B 1718. *Workmen engaged in making hats or caps of cloth, felt, silk or straw, not intended for use in war.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1719X. **Workmen engaged wholly or mainly in making leather goods such as ventilators, bands or straps for hats or caps whether intended for use in war or not.**

A 1720X. **Workmen (including women, and boys and girls over 16 years of age) engaged wholly or mainly in preparing cotton waste for use in the manufacture of explosives.**

B 1721. *Workmen engaged in the manufacture of compound cake and employed in the department or factory which is not engaged in the manufacture of oil.*

B 1722. *Workmen engaged in transporting munitions to or from a national factory, store, bond or warehouse, and not employed wholly or mainly on the factory premises.*

B 1723. *Workmen engaged in the manufacture of sealing wax.*

B 1724. *Workmen employed in assembling parts of banjos.*

A 1725X. **Workmen employed in the manufacture or repair of gas meters, including painting, testing, examining, packing, leather sewing.**

A 1726X. **Workmen employed either at separate munitions stores, inspection bonds or warehouses under the control of the Ministry of Munitions of War, and engaged:—**

(1) as examiners and viewers in examining component parts;

(2) in storing, packing or despatching component parts;

(3) in connection with the storage of scrap metal pending its removal to smelters or elsewhere.

B 1727. *Workmen engaged in the manufacture of clock cases of materials other than metal, excluding those engaged in machine wood work, or in leather work.*

A 1728X. **Workmen engaged in the manufacture of clock mechanisms.**

***B 1729.** *Workmen engaged wholly or mainly in shoeing horses.*

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* Decision B 1729 has been superseded by decision A 2014X in so far as it conflicts therewith.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1730X. Workmen engaged wholly or mainly in making horseshoes.

B 1731. *Searchers or detectives employed in or about munitions works.*

B 1732. *Workmen engaged in the manufacture of oil baize cloth or American cloth, or in mixing the compositions used in connection therewith.*

A 1733X. Workmen engaged in the manufacture of clog irons.

B 1734. *Boatmen or watermen employed at establishments engaged in carrying on any of the trades mentioned in the schedules to the National Insurance (Unemployment) Acts,* 1911 *to* 1916, *or engaged in munitions work, when such boatmen or watermen are employed mainly off the premises of such establishments.*

A 1735X. Tinners and light sheet metal workers making saucepans and similar goods; stove piping, &c., &c.

[***A 1736X. Workmen engaged in the extraction of oil from waste materials from woollen mills.**]

A 1737X All workmen engaged either on hand or machine work in the manufacture of plain wooden boxes for confectionery.

B 1738. *Workmen engaged in the manufacture of cotton fabric for tyres.*

A 1739X. Workmen engaged in the manufacture of grinding wheels for use in the manufacture of munitions of war.

A 1740X. Workmen employed in the manufacture of matches, and engaged in machine sawing or other machine woodwork up to and including the splitting of wood for splints.

B 1741. *Workmen employed in the manufacture of matches, other than those included under decision* A 1740X, *unless engaged wholly or mainly in the manufacture of matches intended for use in war.*

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* This decision is not now operative. *See* decision B2322.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1742X. Workmen (including labourers) engaged:—

(1) in weaving, making, varnishing, attaching to wood frames, or packing wire mattresses;

(2) in machine sawing or other machine woodworking (including sandpapering by machine) for wood bedsteads or wood frames for mattresses.

B 1743. *Workmen engaged wholly or mainly in:—*

(1) *making wood bedsteads by hand, including those employed in assembling, polishing, varnishing or packing, or as labourers;*

(2) *making flock mattresses (including packers and labourers);*

unless intended for use in war.

A 1744X. Workmen engaged in sawmilling or machine woodwork in connection with the manufacture of pianos or piano actions.

A 1745X. Workmen engaged in making the metal component parts of pianos, such as iron frames, wrest pins, &c.

B 1746. *Workmen, other than those covered by decisions* A 1744 *and* A 1745X, *engaged in connection with the construction of pianos and piano actions.*

A 1747X. Workmen (including women) engaged wholly or mainly in making up waterproof garments, ground sheets, buckets, baths, waders and similar articles made from rubber-proofed fabric.

A 1748X. Workmen engaged in the manufacture or repair (including assembling) of watches and clocks.

A 1749X. Workmen engaged in the manufacture or repair of articles of gold, silver, electroplate, rolled gold and other metals (excluding assistants in sale room not engaged wholly or mainly in wrapping, carding or boxing.)

B 1750. *Workmen employed in retail shops and engaged wholly or mainly in cleaning and adjusting watches and clocks.*

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1751. *Workmen engaged in the manufacture of boots, shoes or slippers of canvas or other material not being leather or rubber, or in making canvas, &c., parts of boots, shoes and slippers provided that the said boots, &c., are not intended for use in war.*

A 1752X. Workmen engaged in the manufacture of leather or rubber boots or shoes or of leather or rubber parts of boots or shoes.

B 1753. *Drivers or attendants of vehicles employed in connection with insured trades, but not employed mainly on the premises on which such trades are carried on.*

A 1754X. Workmen engaged in drawing or distilling essential oils or in manufacturing similar products synthetically.

A 1755X. Workmen engaged in the manufacture of all classes of soap, including soft soap, soap powder and toilet soap, and including processes such as milling, perfuming, stamping, wrapping or otherwise finishing for sale.

B 1756. *Workmen engaged in the manufacture of perfumery and not covered by decision* A 1754X.

B 1757. *Workmen engaged wholly or mainly in digging chalk.*

A 1758X. Workmen engaged in the manufacture of sandbags intended for use in war.

B 1759. *Workmen engaged in weaving cloth for the manufacture of sandbags.*

A 1760X. Workmen employed by switchgear manufacturers, and engaged in drilling slate bases for electrical machinery which is intended for use in war or in the manufacture of munitions of war.

B 1761. *Workmen employed by a firm of soapmakers and engaged in printing, stamping and cutting cardboard cartons for packing soap.*

B 1762. *Workmen employed by a firm of soapmakers and engaged in filling, labelling and packing perfumes in bottles.*

A 1763X. Workmen employed by coke manufacturers and engaged wholly or mainly in connection with the operation of bye-product plant for the recovery of light oils or other chemicals from the waste gas or tar.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1764X. Workmen employed at gas works or at gas bye-products works and engaged wholly or mainly in the distillation of tar or in the extraction of light oils from tar or oil.

B 1765. *Workmen employed at gas works and engaged in work described in decisions* B 238 *and* B 245 *other than workmen engaged in the manufacture, packing and loading of sulphate of ammonia.*

A 1766X. Workmen engaged in the manufacture of quarries, roofing tiles, and chimney pots.

B 1767. *Workmen engaged in the manufacture of glazed or unglazed earthenware tiles, involving the use of saggers.*

†B 1768. *Workmen engaged in the manufacture of drain pipes.*

A 1769X. Workmen engaged as sawyers or woodworking machinists in the manufacture of furniture.

B 1770. *Workmen (other than those covered by decision* A 1769X) *engaged in the manufacture of furniture, not being intended for use in war.*

A 1771X. Sawmillers and other machine woodworkers engaged in the preparation of wood for use in the manufacture of brushes and brooms.

***B 1772.** *Workmen (other than those covered by decision* A 1771X) *engaged in the manufacture and finishing of brushes and brooms which are not intended for use in war.*

A 1773X. Fatty acid workers, stearine makers, wick preparers, moulders and all other classes of workmen and labourers engaged in the manufacture of candles and nightlights.

B 1774. *Workmen (including women) engaged in the plaiting or braiding of cotton candle wicks.*

B 1775. *Workmen employed in timber merchants' yards immediately connected with sawmills, if engaged mainly in handling timber which is not sawn or otherwise worked by machinery in the establishment.*

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† Decision B 1768 has been modified by decision A 2349X.
* B 1772 has been modified by decision A 2182X.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1776X. Workmen engaged in—
(1) woodturning by power machinery;
(2) cutting or working wood by machinery for use in inlaying or veneering;
(3) wood bending by machinery;
(4) cutting or splitting fire-wood or pale-cleaving by machinery;
(5) sand-papering wood by machinery.

A 1777X. Workmen employed in a sawmilling establishment as saw sharpeners, file setters, grindstone men, and not already insured under Part II. of the National Insurance Act, 1911.

A 1778X. Engine drivers, stokers, crane drivers, porters, labourers and similar workmen employed—
(1) in sawmills or machine woodworking establishments, or in yards or stores immediately connected with them;
(2) in timber yards, and engaged in handling timber that is sawn or otherwise worked by machinery in the same establishment.

B 1779. *Workmen engaged in the repair of gas holders which are built up on the site.*

B 1780. *Workmen employed in pressing, carding, parcelling, labelling, and baling absorbent cotton wool.*

A 1781X. Workmen engaged in the manufacture of indiarubber marking stamps whether intended for use in war or not.

A 1782X. Workmen engaged in making metal lids for hot water jugs, teapots and similar articles.

B 1783. *Workmen described as metal mounters and engaged in mounting metal lids on to earthenware jugs, tea pots and other articles of earthenware.*

A 1784X. Workmen employed wholly or mainly by way of manual labour at laboratories connected with the iron and steel works or other insured trades.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1785X. Workmen engaged in the manufacture of metal conduit fittings for electrical conduit tubes, including assemblers, enamellers, finishers, packers and general labour employed on the premises in connection with such manufacture (excluding workmen engaged in ironfounding, in respect of whom contributions are payable under Part II. of the National Insurance Act, 1911).

A 1786X. Workmen engaged wholly or mainly in making up braces if intended for use in war, or in cutting out leather tabs and making buttonholes in leather tabs for braces whether intended for use in war or not.

A 1787X. Workmen engaged wholly or mainly in the manufacture of elastic hosiery intended for use in war.

B 1788. *Workmen (other than those engaged in the manufacture of rubber thread) engaged wholly or mainly in the manufacture of elastic hosiery not intended for use in war.*

B 1789. *Workmen (other than those engaged in the manufacture of rubber thread) engaged wholly or mainly in the manufacture of elastic or rigid braids or webbing.*

A 1790X. Platelayers at blast furnaces or steel works employed about the works in the upkeep and repair of works' railways.

A 1791X. Workmen employed by alkali manufacturers as samplers, taking samples of chemicals out of packages for testing; branders, branding kegs and bags; crane drivers, workmen repairing bags for packing chemicals, girl messengers over sixteen years of age if employed about the works.

***B 1792.** *Lapidaries and stone setters employed in connection with the jewellery trade.*

A 1793X. Workmen engaged in making wooden crates for packing purposes.

A 1794X. Workmen engaged in making type metal, in manufacturing metal printing type, or in cutting and finishing wood type by machinery.

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* Decision B 1792 has been superseded by decisions B 2162, A 2163X and A 2164X.

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A 1795X. Workmen engaged in the manufacture of brass type for the use of bookbinders, gold blockers, &c.

A 1796X. Workmen engaged wholly or mainly in weaving and making up nets intended for use in war.

A 1797X. Workmen (including sawmillers and machine woodworkers) engaged in the manufacture of casks and barrels.

B 1798. *Workmen engaged in the manufacture of metal polishes.*

B 1799. *Workmen engaged wholly or mainly in printing posters, labels, &c., whether in connection with insured trades or not.*

A 1800X. Workmen engaged wholly or mainly in cutting metal stencil plates.

B 1801. *Workmen engaged in the manufacture of paper of all kinds.*

B 1802. *Workmen engaged wholly or mainly in the manufacture of garden edging tiles or flower pots.*

B 1803. *Compass adjusters engaged wholly or mainly in swinging steamers in the river for the deviation and correction of compass error.*

A 1804X. Workmen engaged in the repair of harness and saddlery intended for use in war.

A 1805X. Workmen engaged in proofing flax, jute, cotton, asbestos or other fabrics with rubber.

A 1806X. Workmen engaged wholly or mainly in the manufacture of carbon electrodes for use in the production of munitions of war.

A 1807X. Workmen engaged wholly or mainly in the manufacture of carbide of calcium.

A 1808X. Workmen engaged wholly or mainly in the manufacture of fire-clay crucibles for use in the manufacture of munitions of war.

A 1809. Workmen employed in the metal testing department of steel works, and engaged in sawing, slotting, turning and trepanning steel.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1810. *Workmen engaged in the repair of harness and saddlery not intended for use in war.*

A 1811X. Workmen engaged in the manufacture of hackles and gills for textile machinery.

A 1812X. Wood turners of all kinds, machine sawyers and other woodworking machinists engaged in the manufacture of wooden heels for boots, whether the boots are intended for use in war or not.

B 1813. *Workmen employed in making or finishing by hand wooden heels for boots, unless the boots are intended for use in war.*

A 1814X. Workmen engaged in making small ebonite or vulcanite parts of electrical appliances, such as magnetos, sparking plugs, &c. (and not covered by decision A 1230).

B 1815. *Workman (other than sawmillers, machine woodworkers and workmen making metal fittings) engaged in the manufacture of coffins.*

B 1816. *Workmen (other than sawmillers and machine woodworkers) engaged in the manufacture of type cases, cabinets, and similar articles for the use of printers.*

A 1817X. Workmen employed under the Chief Inspector of Equipment and Stores, Royal Dockyard, Woolwich, and engaged in—

(a) inspecting stores;

(b) loading, unloading, marking up, bundling, tying, or otherwise handling stores in connection with the inspection department;

(c) repairing military equipment (including washing in connection with repair and reissue).

A 1818X. Workmen engaged in the manufacture of metal filaments for electric glow lamps.

A 1819X. Workmen engaged in cutting, splicing or otherwise preparing halyards, lanyards, tent ropes, head ropes or similar articles made from rope, cord and twine.

B 1820. *Workmen engaged in the manufacture of rope, cord and twine.*

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B 1821. *Workmen engaged in:—*
(1) *stereotyping, electrotyping, and process work;*
(2) *machine type-setting and making.*

B 1822. *Lithographers engaged in tin printing.*

B 1823. *Workmen engaged wholly or mainly in making glazed boards for the manufacture of wads for shells or cartridges.*

A 1824X. Workmen engaged wholly or mainly in making glass articles for medical or surgical use, such as graduated glass bottles and laboratory apparatus, for use in war, or in experimental glass blowing in connection therewith.

B 1825. *Workmen engaged wholly or mainly in assembling, glueing up, cleaning off, glasspapering (unaided by power), French polishing, fitting up and upholstering domestic cabinet work and school furniture.*

A 1826X. Workmen engaged wholly or mainly in the manufacture of life belts, life buoys and ships' fenders.

A 1827X. Colliery blacksmiths and mechanics engaged in repairing or sharpening miners' tools, or in repairing metal parts of tubs or trams or general colliery plant.

A 1828X. Workmen engaged in preparing artists' colours (including the processes of filling into tubes, moulding into cakes, packing, and labelling).

B 1829. *Workmen engaged wholly or mainly in repairing clogs, in making or repairing by hand wooden soles for clogs or in fixing uppers on to soles of clogs.*

A 1830X. Workmen engaged wholly or mainly in the manufacture of new uppers for clogs.

A 1831X. Workmen employed wholly or mainly in repairing military boots, otherwise than to individual order.

B 1832. *Workmen employed by a firm of china clay merchants and engaged in mixing ingredients for sizing.*

B 1833. *Workmen engaged in creosoting railway sleepers.*

B 1834. *Telephone attendants employed in businesses carrying on an insured trade.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1835. *Workmen engaged in making up sails, awnings, tarpaulins, and similar canvas goods, unless these are intended for use in war.*

A 1836X. Workmen engaged in the manufacture of glass bottles (including jam or pickle jars) which are intended for use in war.

B 1837. *Workmen engaged wholly or mainly in weaving textile belting for power transmission.*

A 1838X. Workmen engaged in lime burning.

B 1839. *Storemen employed in the stores of a ship's chandler and ironmonger, and not engaged wholly or mainly in in the repair of metal goods or other insured work.*

A 1840X. Workmen engaged in cutting-out or making-up from cocoanut fibre matting, mats, deck coverings, or other articles intended for use in war.

B 1841. *Workmen engaged in the manufacture of cocoanut fibre matting for sale in stock lengths.*

B 1842. *Workmen engaged in tallow melting or in extracting grease from bones.*

B 1843. *Workmen engaged in the manufacture of glue, size or gelatine.*

A 1844X. Pattern-makers engaged in making patterns for brass foundries when not engaged in a trade insured under the provisions of Part II. of the National Insurance Act, 1911.

B 1845. *Workmen (other than those covered by decision* A. 1697X) *engaged in the manufacture of baking powder, custard powder and similar preparations.*

B 1846. *Workmen engaged in the manufacture of blacklead and stove polish.*

A 1847X. Workmen engaged wholly or mainly in sawmilling or machine woodwork in connection with the manufacture of wooden railway sleepers, including boring and chairing.

B 1848. *Workmen employed by coke manufacturers and engaged wholly or mainly in connection with the working of the coke ovens and not covered by decision* A 1763X.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1849X. Workmen engaged wholly or mainly in the preparation of photographic emulsions.

B 1850. *Workmen engaged in coating and otherwise preparing and packing photographic plates, films or papers, which are not intended for use in war.*

A 1851X. Workmen engaged in the manufacture of reeds for textile machinery, including wire flatteners, wire polishers, reed makers and finishers, dippers-in, rubbers-up, paperers.

B 1852. *Workmen engaged in the manufacture of wax polishes (for boots, harness, furniture or floors) not intended for use in war.*

A 1853X. Workmen described as machine or hand nailers, hoopers, dovetailers, conveyor attendants or truckers engaged in connection with the manufacture of wooden cases.

A 1854X. Workmen engaged in the manufacture of composition pipes out of scrap lead, including the washing in liquid tin.

A 1855. Female cloak room and lavatory attendants, and messengers employed in connection with an insured trade.

A 1856X. All classes of workmen engaged in the manufacture of brushes intended for use in war.

A 1857X. Sawmillers and machine woodworkers engaged in preparing umbrella sticks and handles.

A 1858X. Workmen engaged wholly or mainly as metal workers or as machine woodworkers in connection with the manufacture of fishing tackle.

A 1859X. Workmen engaged in making metal parts of bobbins or shuttles.

A 1860X. Workmen engaged in feeding or minding machines which are cutting, boring or sandpapering wood for the manufacture of bobbins or shuttles.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1861X. Workmen employed in wood machining department converting timber and cutting it into squares for the manufacture of bobbins or shuttles, including general labourers in the yard and wood machining shops.

B 1862. *Workmen engaged in the manufacture of bobbins or shuttles, other than workmen mentioned in decisions* A 1859X, A 1860X *and* A 1861X.

A 1863X. Workmen engaged wholly or mainly in the manufacture of wood wool.

B 1864. *Workmen engaged wholly or mainly in spinning wood wool into rope.*

A 1865X. Workmen engaged in sawmilling or machine woodwork in connection with the manufacture of pencils. (*See also* **decision B 2167.**)

A 1866X. Drivers or attendants of vehicles employed in connection with insured trades and employed mainly on the premises on which such trades are carried on.

A 1867X. Workmen engaged in the manufacture of military caps and military hospital clothing (other than to individual orders).

B 1868. *Workmen engaged wholly or mainly in the manufacture of press papers for use in making discs for cartridges, shells or fuses.*

***A 1869X. Gatemen employed in connection with any insured trade.**

B 1870. *Workmen engaged wholly or mainly in—*
(1) *mining stone;*
(2) *mining ochre or other colours.*

A 1871X. Wood machinists employed in the manufacture of drawing boards, easels, palettes, colour boxes, &c.

A 1872X. Workmen engaged in the manufacture of collapsible tin tubes.

A 1873X. Workmen employed in the manufacture, including boxing, of metal paper clips.

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* Decision A 1869X has been modified by decision B 2123.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1874. *Workmen engaged in the manufacture of mosquito netting.*

A 1875X. Workmen employed in turning wooden rollers for use in textile mills, other than those insured under Part II. of the National Insurance Act, 1911.

B 1876. *Workmen engaged in bleaching and otherwise preparing cotton wool or cotton cloth in bulk for use in the manufacture of surgical dressings.*

B 1877. *Laboratory staff other than those included under decision* **A 1784X** *employed at iron and steel works or in businesses carrying on any other insured trade or munitions work, and engaged in analysis, chemical testing or similar work.*

A 1878X. Workmen described as leather cutters and leather machinists and metal workers employed by manufacturers of solid and fancy leather goods.

B 1879. *Workmen (other than those covered by decision* A 1878X) *who are employed by manufacturers of solid and fancy leather goods, and engaged in making goods in which leather is not more than one-third of the total cost of the completed articles.*

B 1880. *Ambulance men whether employed in businesses carrying on any insured trade or not.*

A 1881X. Workmen engaged wholly or mainly in the preparation of tetanus anti-toxic serum.

B 1882. *Workmen engaged wholly or mainly in dressing horse hair, fibre, or bass for brush-making.*

A 1883X. Workmen engaged in the manufacture of footballs.

A 1884X. Workmen employed in the getting of clay or marl for brickmaking (not including fire-clay mining).

B 1885. *Workmen engaged wholly or mainly as cleaners and bed makers in dwellings connected with a munitions factory.*

A 1886X. Workmen engaged in making metal or leather buttons or parts of buttons.

A 1887X. Workmen engaged in the manufacture of buttons intended for use in war.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1888. *Workmen (other than those covered by decisions* A 1886X *and* A 1887X) *engaged in making buttons.*

A 1889X. Workmen engaged wholly or mainly in the manufacture of turpentine.

A 1890X. Workmen engaged wholly or mainly in peeling wood into veneers by machinery for making chip baskets.

B 1891. *Workmen engaged in making by hand chip baskets not intended for use in war.*

A 1892X. Workmen engaged in the manufacture of granulated aluminium or in rolling aluminium foil.

B 1893. *Workmen employed by water companies as pipe layers (if not insurable under Part II. of the National Insurance Act,* 1911), *or as engine drivers, stokers, boiler cleaners, coal heavers, filter attendants, meter cleaners, meter readers, turncocks, waste inspectors, or storekeepers.*

B 1894. *Workmen (other than those covered by decision* A 1754X) *engaged wholly or mainly in the manufacture of coffee essence, culinary essences, flavourings and fruit essences.*

B 1895. *Compositors engaged in setting up type for use in connection with the manufacture of rubber stamps.*

B 1896. *Workmen engaged wholly or mainly in the manufacture of ærated waters.*

A 1897X. Workmen engaged wholly or mainly in machine woodwork in connection with the manufacture of wooden boot lasts, legging blocks, &c.

A 1898X. Workmen engaged wholly or mainly in the manufacture of fireclay blocks for glass furnaces.

A 1899X. Workmen employed on the premises of a firm engaged in the manufacture of military clothing (other than to individual order) and engaged in—

(1) numbering and ticketing garments;

(2) giving out work or materials.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1900X. Charwomen engaged in sweeping and cleaning workrooms which are used wholly or mainly for carrying on any insured trade.

B 1901. *Overlookers (male or female) engaged wholly or mainly in teaching or supervising workers.*

B 1902. *Workmen engaged wholly or mainly in the manufacture of mineral white or terra alba.*

A 1903X. Workmen engaged wholly or mainly in the manufacture of plaster of Paris, Keene's and other patent cements, or in grinding gypsum in connection therewith.

B 1904. *Workmen engaged wholly or mainly in quarrying or mining gypsum.*

B 1905. *Workmen engaged in the outdoor repair and maintenance of overhead, third rail, conduit, surface contact, or cable equipment of railways, tramways, light railways or electric power supply undertakings.*

B 1906. *Workmen employed by electricity supply companies as meter fixers or readers, fuse hands, cranemen, boiler cleaners, or in any of the occupations set out in decision* B 264.

A 1907X. All classes of workmen engaged in the distillation of tar.

B 1908. *Workmen engaged wholly or mainly in weaving canvas hosepipe.*

A 1909X. Workmen engaged in the manufacture of canvas hose-pipes for use in war, and not covered by decision B 1908.

B 1911. *Workmen engaged wholly or mainly in printing on wood.*

B 1912. *Workmen engaged wholly or mainly in the manufacture of glazed sanitary earthenware, such as lavatories, closets, sinks and similar articles unless intended for use in war.*

A 1913X. Workmen engaged wholly or mainly in the manufacture, bagging and despatching of cement, or in mending and sorting bags or sacks at the cement works.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1914X. **Workmen employed wholly or mainly in the manufacture or repair of telephone and telegraph instruments and electrical signalling apparatus.**

A 1915X. **Workmen engaged wholly or mainly in coating cloth or paper with emery or other abrasive materials, or in making up belts or discs from such cloth or paper for use in the manufacture of munitions of war.**

B 1916. *Workmen engaged wholly or mainly in crushing, grinding and sieving or grading emery stone.*

A 1917X. **Workmen (other than those engaged in the manufacture of textile fabrics) engaged in the manufacture of balata belting.**

A 1918X. **Workmen engaged wholly or mainly in the manufacture, from asbestos or other cloth, of engine packings, washers and similar articles if containing rubber, with or without a rubber core.**

A 1919X. **Workmen engaged wholly or mainly in the manufacture of slabs, sheets or tiles of asbestos fibre and cement.**

B 1920. *Workmen engaged in the manufacture of asbestos millboard and paper.*

B 1921. *Workmen engaged wholly or mainly in preparing, spinning, winding, warping, or braiding asbestos yarns, or in weaving asbestos cloth.*

A 1922X. **Workmen engaged in the manufacture of celluloid fittings for cycles or motor cycles, when the cycles are intended for use in war.**

A 1923X. **Workmen engaged in the production of gold leaf.**

B 1924. *Workmen engaged in the manufacture of patent fuel.*

A 1925X. **All classes of workmen employed in making golf iron heads.**

B 1926. *Workmen engaged in the weaving, calendering or proofing (otherwise than with rubber) of jute or flax, or in any other process anterior thereto.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1927X. Workmen employed in driving or operating power machinery for woodworking in connection with the manufacture of golf clubs.

B 1928. *Workmen engaged in glazing, grinding or fitting, selecting and marking spectacle lenses not intended for use in war.*

A 1929X. Workmen engaged wholly or mainly in the manufacture of coins.

A 1930X. Workmen engaged in the manufacture of cork helmets for military or naval use.

A 1931X. Workmen employed by brick manufacturers and engaged in drawing bricks from kilns, or in stacking or loading them.

B 1932. *Workmen engaged wholly or mainly in quarrying ganister or in the preparation of plastic ganister.*

A 1933X. Workmen engaged wholly or mainly in grinding and preparing ganister for use in brick making.

B 1934. *Workmen employed in woods and engaged in cleaving or hewing timber by hand.*

A 1935X. Workmen engaged in the manufacture of wooden butter cases, fruit boxes, and similar packages.

A 1936X. Workmen (other than those covered by decision B 1823) engaged in the manufacture of paper or cardboard discs, washers, container tubes, &c., for shells.

A 1937X. Workmen engaged wholly or mainly in the manufacture (including graduating and figuring) of clinical thermometers intended for use in war.

A 1938X. Workmen engaged in making saddle trees for saddles which are intended for use in war.

A 1939X. Workmen engaged wholly or mainly in sawmilling or machine woodwork in connection with the manufacture of saddle trees or in making metal parts of saddle trees.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1940. *Workmen employed wholly or mainly in repairing boots and shoes not intended for use in war.*

A 1941X. **Workmen (other than those covered by decision B 1942) engaged wholly or mainly in the manufacture of fur-hats for use in war.**

B 1942. *Workmen engaged wholly or mainly in opening, pulling, carrotting, cutting and blowing skins for the production of hatters' furs.*

B 1943. *Workmen engaged in soldering lids on tins containing goods the packing of which is not insured work.*

B 1944. *Workmen (other than leather or metal workers) engaged wholly or mainly in making up braces, belts and similar articles not intended for use in war.*

B 1945. *Workmen (other than sawmillers, machine woodworkers or metal workers) engaged in the manufacture of wood trunks covered with canvas.*

A 1946X. **Warehousemen, storekeepers, caretakers, timekeepers, or watchmen employed wholly or mainly by way of manual labour in factories or workshops, or in yards or stores immediately connected therewith, when the aforesaid factories or workshops are engaged wholly or mainly in munitions work, or in any of the trades insured under the National Insurance (Part II.) (Munition Workers) Act, 1916.**

A 1947X. **Porters, packers, messengers, cleaners, or weighmen employed in factories or workshops or in yards or stores immediately connected therewith, when the aforesaid factories or workshops are engaged wholly or mainly in munitions work, or in any of the trades insured under the National Insurance (Part II.) (Munition Workers) Act, 1916.**

A 1948X. **Engine drivers, boilermen, firemen, stokers, cleaners, oilers and other workmen engaged wholly or mainly in tenting, driving or minding engines or machinery, or in stoking boilers for the production of power, light, or heat in use in connection with munitions work or in any of the trades**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

insured under the National Insurance (Part II.) (Munition Workers) Act, 1916.

(This decision does not relate to workmen employed by separate companies or authorities who sell electricity or power for general purposes.)

A 1949X. Workmen engaged wholly or mainly in making ridge tiles, finials or chimney pots of terra cotta.

A 1950X. Workmen engaged wholly or mainly in treating iron goods to prevent rusting.

A 1951X. Workmen engaged in dressing stone (either by hand or machine) for grindstones which are for use in the manufacture of munitions of war.

B 1952. *Workmen engaged wholly or mainly in pressing handles or scales for knives, forks, tin-openers, &c., out of horn or other material (other than metal, leather or rubber), provided the knives, &c., are not intended for use in war.*

A 1953X. Workmen employed in the manufacture of leather saddlery or harness.

B 1954. *Workmen engaged wholly or mainly in the manufacture of porcelain insulators or of porcelain parts of electrical switches, lamp-holders or other fittings, unless such insulators or switches, &c., are intended for use in war.*

B 1955. *Workmen engaged in working or setting mother of pearl in connection with the manufacture of bedsteads.*

A 1956X. Workmen engaged in the repair of leather goods intended for use in war.

B 1957. *Workmen engaged in the repair of leather goods, unless intended for use in war.*

B 1958. *Workmen engaged wholly or mainly in graduating thermometers, burettes, pipettes and similar glass instruments not intended for use in war.*

A 1959X. Workmen engaged in the manufacture of blanco and pipeclay intended for use in war.

A 1960X. Workmen engaged in assembling cycle and motor repair outfits intended for use in war.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1961. *Colliery electricians engaged wholly or mainly in the maintenance of electric light and power installations in or about the colliery (but not in colliery buildings or shops) and not engaged wholly or mainly in repairs to the electrical machinery or switchgear.*

B 1962. *Workmen described as outdoor erectors and engaged wholly or mainly in the installation of accumulators.* (*See also* decision A 2221X.)

A 1963X. Workmen engaged wholly or mainly in vitreous enamelling upon metal.

A 1964X. Workmen engaged in repairing machinery belting in an establishment which is engaged wholly or mainly in munitions work or in any trade which is insurable under the National Insurance (Part II.) (Munition Workers) Act, 1916.

A 1965X. Workmen engaged in making metal patterns as described in decision B 1138*, or in making patterns of other materials, if the patterns are for use in the manufacture of metal goods.

A 1966X. Workmen engaged wholly or mainly in grinding or sharpening knives, scissors and razors.

B 1967. *Workmen employed in crushing blast furnace slag for use as material for road-making.*

A 1968X. Workmen employed in pin, needle, &c., factories, or in warehouses or stores immediately connected therewith, and engaged wholly or mainly in boxing, carding, or otherwise putting up for sale pins, needles and similar articles.

B 1969. *Workmen (other than those covered by decision* A 1970X) *engaged wholly or mainly in making trunks, valises, &c., partly of leather, and partly of canvas or fibre, and not intended for use in war.*

A 1970X. Workmen engaged wholly or mainly in making leather trunks or leather parts of trunks.

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* Decision B 1138 was to the effect that contributions were not payable in respect of workmen engaged in making metal patterns (other than cast iron patterns), not being for the use of iron, steel, brass or other foundries which are engaged wholly or mainly in making castings for use as parts of the products of a mechanical engineering establishment.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1971X. **Workmen engaged wholly or mainly in the manufacture of chemical stoneware for use in the manufacture of munitions of war.**

B 1972. *Workmen engaged wholly or mainly in the manufacture of laboratory porcelain.*

A 1973X. **Workmen engaged in the manufacture of artificial limbs.**

A 1974X. **Workmen described as glass grinders, polishers, prism cutters, bevellers, flatteners, cutters, silverers and tougheners engaged in the manufacture of water level gauges, or bevelled edge glasses for scientific instruments, if intended for use in war or in the production of munitions of war.**

B 1975. *Workmen described as flint glass makers and cutters engaged wholly or mainly in making and finishing table glassware not intended for use in war.*

A 1976X. **Workmen described as glass grinders, polishers, prism cutters, bevellers, flatteners, cutters, silverers and tougheners engaged in the manufacture of lenses for navigation lanterns, ships' side lights, and glasswork for smoke observation windows for ships.**

A 1977X. **Workmen engaged in the manufacture of glassware (including tubes) for use in the manufacture of munitions of war.**

B 1978. *Workmen engaged in the manufacture of glass tubing not intended for use in war or in the manufacture of munitions of war.*

B 1979. *Workmen engaged wholly or mainly in making printers' roller composition or in clothing rollers therewith.*

A 1980X. **All classes of workmen (including oil boilers and varnish makers) engaged in the manufacture of printers' ink and printers' varnish.**

A 1981X. **Armature and coil-winders employed in the repair of electrical machinery.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 1982X. Workmen engaged wholly or mainly in:—
(1) the manufacture (including generating and compressing) of acetylene gas;
(2) the manufacture of cylinders for holding the gas;
(3) examining cylinders and filling them with porous material.

B 1983. *Workmen (other than sawmillers and machine woodworkers) engaged in making cigar boxes.*

B 1984. *Workmen (other than sawmillers or machine woodworkers) engaged in making wood-end boxes for foodstuffs, bonnet boxes, and similar boxes composed partly of wood and partly of cardboard, millboard or similar material, and not intended for use in war.*

B 1985. *Workmen (other than sawmillers, machine woodworkers, metal or leather workers) engaged in making small switch boxes, or fancy boxes whether covered with leather, cloth, velvet or similar material, or polished, and not intended for use in war.*

B 1986. *Workmen engaged wholly or mainly in the preparation of non-conducting compositions for covering boilers, pipes, and other parts of heating or refrigerating apparatus.*

A 1987X. Workmen engaged wholly or mainly in the manufacture of mattresses (from asbestos cloth and fibre) intended for use in war.

***B 1988.** *Workmen (other than sawmillers and machine woodworkers) engaged wholly or mainly in repairing crates, casks, or barrels, which are not intended for use in war.*

B 1989. *Workmen engaged wholly or mainly in the manufacture of dubbin not intended for use in war.*

B 1990. *Workmen engaged wholly or mainly in tin-streaming.*

B 1991. *Workmen (other than those covered by decision* A 1992X) *engaged in bookbinding, provided that when leather is used the cost of the leather is not more than one-third of the total cost of the finished article.*

A 1992X. Workmen engaged wholly or mainly in cutting leather parts for the use of bookbinders.

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* Decision B 1988 has been modified by decision A 2127X.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 1993. *Casual labourers employed on or about docks or wharves and engaged in loading and discharging cargoes and not employed continuously by the same employer on premises which are used mainly for the purpose of any insured trade.* (*See also* decision **B 2056.**)

B 1994. *Workmen engaged in the manufacture of glass for the dioptric apparatus of lighthouses.*

B 1995. *Workmen engaged wholly or mainly in the manufacture of salt.*

B 1996. *Workmen engaged wholly or mainly in mining or dressing rock salt.*

A 1997X. Workmen engaged wholly or mainly in the manufacture or repair of arc lamps.

B 1998. *Workmen engaged wholly or mainly in the manufacture of tarred macadam.*

A 1999X. Workmen engaged in the manufacture of railway fog signals, or in making the metal cases.

B 2000. *Workmen (other than metal workers) engaged in making silk shades for electric light and gas fittings.*

*[**A 2001X. Jewellery mounters engaged wholly or mainly in making metal mounts or in fixing these mounts to the metal parts of jewellery, and not engaged wholly or mainly in the setting of precious stones in the mounts.**]

A 2002X. Workmen engaged in the manufacture (including painting, staining and varnishing) of wooden cases for the beer and mineral water trades.

B 2003. *Bond and trimming coopers engaged wholly or mainly in inspecting or examining casks and barrels in bonds or warehouses which are not immediately connected with establishments in which the manufacture of casks or barrels is carried on.*

A 2004X. Workmen employed in jewellery warehouses immediately connected with manufacturing (including plating, &c.) or repairing establishments and engaged wholly or mainly in wrapping up, carding, boxing, or otherwise packing or preparing goods for sale.

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* Decision A 2001X has been superseded by decisions B 2162, A 2163X and A 2164X

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2005X. Workmen engaged in sawmilling or machine woodwork in connection with the manufacture of loose leaf ledgers or binders, or in making metal or leather parts thereof.

B 2006. *Workmen (other than those covered by decision* A 2005X) *engaged in the manufacture of loose leaf ledgers or binders, provided that where leather is used the cost of the leather is not more than one-third of the total cost of the finished article.*

A 2007X. Workmen employed by a firm of camera manufacturers and engaged in—

(1) Sawmilling and machine woodwork;

(2) Making, assembling or finishing metal parts;

(3) Making leather bellows;

(4) Other workmen engaged in the manufacture of cameras which are intended for use in war.

B 2008. *Workmen (other than those covered by decision* A 2007X) *engaged in the manufacture of cameras not intended for use in war.*

A 2009X. Workmen engaged wholly or mainly in making metal parts of India and Treasury tags.

B 2010. *Workmen (other than metal workers) engaged in the manufacture of India and Treasury tags.*

A 2011X. Workmen engaged in covering tennis balls.

B 2012. *Workmen (other than those engaged wholly or mainly in sawmilling or machine woodwork) engaged in making cricket bats, tennis rackets, hockey sticks, &c.*

A 2013X. Workmen (other than centre makers) engaged in making leather cricket balls.

A 2014X. Workmen engaged in making horse shoes and shoeing horses.

This decision supersedes decision **B 1729** in so far as it conflicts therewith.

A 2015X. Workmen engaged in the manufacture of terra cotta blocks for building.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2016. *Workmen engaged in getting chalk or clay for the manufacture of cement.*

A 2017X. Workmen engaged in the manufacture of enamelled hollow-ware.

B 2018. *Workmen engaged wholly or mainly in making tapers not intended for use in war.*

B 2019. *Workmen engaged wholly or mainly in washing slack for coke ovens.*

A 2020X. Workmen engaged in the production of grain spirit for use in the manufacture of explosives.

B 2021. *Workmen engaged wholly or mainly in making granite paving setts, not intended for use in war.*

B 2022. *Workmen engaged in fellmongering and in drying and sorting wool. (See also* decision A 2401X.)

B 2023. *Workmen employed by skin and hide merchants, and engaged wholly or mainly in sorting or classing skins and hides.*

A 2024X. Workmen engaged wholly or mainly in the manufacture (including painting, carding and boxing) of metal toys and toy soldiers.

B 2025. *Workmen engaged in the manufacture of fish guano by drying and grinding fish offal.*

A 2026X. Workmen (other than those insurable under Part II. of the National Insurance Act, 1911) engaged in the manufacture of metal-covered shop fronts.

B 2027. *Workmen engaged wholly or mainly in fixing metal or wood revolving shutters.*

A 2028X. Workmen engaged in the manufacture of potters' colours, including on-glaze and under-glaze colours, enamels for metals, and liquid gold and silver.

A 2029X. Workmen engaged in the manufacture of metal healds or metal parts of healds.

B 2030. *Workmen (other than those covered by decision* A 2029X) *engaged in the manufacture of healds.*

B 2031. *Workmen engaged in the manufacture of writing and copying inks.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2032X. Workmen engaged wholly or mainly in making shell case liners and lids of paper, cardboard or other materials for lining tins used for packing shells.

A 2033X. Workmen engaged in sawmilling or machine wordwork in connection with the manufacture of organs or in making metal or leather parts of organs.

B 2034. *Workmen (other than machine woodworkers or makers of metal parts) engaged in the manufacture of wooden pails, stepladders or similar domestic joinery.*

A 2035X. Workmen (including painters) engaged in the manufacture of domestic wringing, mangling and washing machines and garden rollers.

B 2036. *Workmen (other than those engaged in machine woodwork or in the making of leather or metal parts) engaged in the manufacture of hand operated vacuum cleaners or of carpet sweepers. (See also* decision A 943.)

A 2037X. Workmen engaged wholly or mainly in the manufacture (including pressing, wrapping and packing) of laundry starch and blue.

B 2038. *Workmen engaged in any process of manufacturing felt head-dresses up to and including the hood stage.*

A 2039X. Workmen (other than those covered by decision B 2038) engaged in the manufacture of naval or military head-dresses.

A 2040X. Workmen engaged wholly or mainly in the manufacture of optical instruments intended or adapted for use in war, such as field-glasses, telescopes, rangefinders, etc.

B 2041. *Workmen engaged wholly or mainly in the manufacture of whiting and Paris white.*

A 2042X. Workmen engaged wholly or mainly in galvanising.

B 2043. *Laundry workers employed in connection with factories which are engaged in carrying on any insured trade, or in munitions work.*

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2044. *Workmen engaged in conveying natural raw materials, such as limestone, chalk, clay, shale or marl to the reduction plant of factories engaged in cement manufacture.*

B 2045. *Workmen engaged in getting shale or marl for the manufacture of cement.*

A 2046X. Workmen employed in marking out timber ready for sawmilling and machine woodwork.

B 2047. *Workmen engaged wholly or mainly in making safety fuses for blasting, unless intended for use in war.*

A 2048X. Workmen engaged wholly or mainly in cutting out leather or rubber soles or other leather or rubber parts of shoes or slippers made mainly of canvas or other material (not being leather or rubber).

B 2049. *Workmen (other than those covered by decision* A 2048X) *engaged wholly or mainly in the manufacture of shoes or slippers, which are made mainly of canvas or other material (not being leather or rubber) and which are not intended for use in war.*

A 2050X. Workmen engaged in the manufacture of surgical trusses (composed mainly of metal and leather).

A 2051X. Workmen engaged wholly or mainly in repairing military clothing (except in so far as covered by the Exclusion Order made by the Board of Trade, dated the 29th August, 1916, *see* p.)

B 2052. *Workmen engaged wholly or mainly in cleaning military or other clothing.*

A 2053X. Workmen engaged wholly or mainly in making snaps for Christmas crackers.

A 2054X. Workmen engaged in making putty.

A 2055X, Workmen engaged in the manufacture of artificial stone paving slabs.

B 2056. *Workmen employed at docks or tidal river wharves, and engaged wholly or mainly in connection with loading and unloading ships and barges.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2057. *Workmen employed by a firm of tyre manufacturers and engaged in the repair (including retreading) of solid or pneumatic tyres (covers and tubes).*

[***A 2058X. Workmen engaged wholly or mainly in making vulcanised fibre washers or parts of machinery required for the manufacture or repair of munitions of war.**]

A 2059X. Workmen engaged in the recovery of tin, iron or other metals from tin plate scrap.

B 2060. *Charwomen engaged wholly or mainly in cleaning offices.*

B 2061. *Workmen employed by a gas company and engaged wholly or mainly in the manufacture of carburetted water gas.*

A 2062X. Workmen engaged in sawmilling or machine woodwork in connection with the manufacture of ladders or in making metal parts of ladders.

A 2063X. Workmen engaged wholly or mainly in attending producer, or water, gas plant in connection with a factory or workshop which is engaged wholly or mainly in carrying on any insured trade or munitions work.

B 2064. *Workmen engaged wholly or mainly in mining, grinding and dressing barytes.*

A 2065X. Workmen employed in ironfoundries or in warehouses or stores immediately connected therewith and engaged in sorting, carding, boxing or otherwise putting up for sale boot protectors.

B 2066. *Engravers employed in connection with printing on pottery not intended for use in war.*

A 2067X. Workmen engaged wholly or mainly in the manufacture of splints and crutches.

A 2068X. Workmen engaged wholly or mainly in cutting down old casks and barrels and remaking into casks and barrels of a different size.

B 2069. *Workmen engaged in the manufacture of boot blacking not intended for use in war.*

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* This decision is not now operative. *See* decision A 2392X.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2070X. Workmen engaged wholly or mainly in refining precious metals.

A 2071X. Workmen engaged wholly or mainly in calcining ironstone, whether at the mines or at the smelting works.

A 2072X. Pointsmen, signalmen, and other workmen engaged in regulating traffic at factories engaged wholly or mainly in munitions work, or in any trade insured under the National Insurance (Part II.) (Munition Workers) Act, 1916.

B 2073. *Workmen engaged wholly or mainly in cleaning, lacquering or varnishing tins subsequent to filling with goods the packing of which is not insured work.*

A 2074X. Workmen engaged in grinding and preparing ochre and red oxide for use as colours.

A 2075X. Workmen (including engine drivers, firemen, labourers, &c.) engaged wholly or mainly in sawmilling or machine woodwork by means of portable engines and machinery in or adjacent to woods.

A 2076X. Workmen engaged in the preparation of slate for electrical appliances, tanks or vats for use in the manufacture of munitions of war.

B 2077. *Workmen (other than those insurable under Part II. of the National Insurance Act,* 1911) *engaged in the repair of bridges which are built up on the site.*

A 2078X. Workmen (including stranders and coverers) engaged wholly or mainly in making telephone cords.

A 2079X. Workmen engaged wholly or mainly in covering metal wire with silk, cotton or other material.

A 2080X. Workmen employed at woollen mills or woolcombing works, and engaged wholly or mainly in the manufacture of soap and seak.

A 2081X. Workmen engaged wholly or mainly in spinning or purling metal wire for use in embroidery.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2082X. Workmen engaged in the manufacture of medical and surgical plaisters for use in war.

A 2083X. Workmen engaged wholly or mainly in weaving or plaiting gold and silver laces, or braids.

A 2084X. Workmen who are engaged in the manufacture of British asphalt. (*See also* **decision B 2204.)**

B 2085. *Workmen engaged wholly or mainly in making hair felt.*

A 2086X. Workmen engaged wholly or mainly in making sarking, sheathing or sanded felt.

B 2087. *Volunteer workers employed on munitions work in their spare time and engaged for less than the normal factory hours of the place where they work, provided that they are :—*

(1) *free to come and go or stay away as they please;*

(2) *are not dependent upon earnings at munitions work;*

(3) *are not badged in respect of the munitions work.*

A 2088X. All workmen engaged wholly or mainly in sawmilling or machine woodwork, whether in connection with insured or uninsured trades or independently, with the exception of those already insurable under Part II. of the National Insurance Act, 1911.

The term " sawmilling and machine woodwork " includes the cross-cutting, boring, turning, polishing or sandpapering of wood by power-driven machinery.

A 2089X. Workmen engaged wholly or mainly in the manufacture (including compressing and filling into cylinders) of carbonic acid gas.

B 2090. *Workmen (other than those insurable under Part II. of the National Insurance Act,* 1911), *engaged in digging and screening sand, ballast, and gravel.*

A 2091X. Workmen employed by a firm of spade and shovel manufacturers, and engaged in fitting wooden handles to spades and shovels.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2092X. Workmen engaged in the manufacture of finger stalls, sponge bags, bathing caps, and similar druggists' sundries made of leather, rubber, or rubber-proofed materials.

A 2093X. Workmen engaged wholly or mainly in cutting corks for use in war.

A 2094X. Workmen engaged in tempering steel.

A 2095X. Workmen engaged in mixing and grinding mortar.

A 2096X. Workmen engaged wholly or mainly in refining saltpetre.

B 2097. *Workmen (other than those already insurable under Part II. of the National Insurance Act,* 1911) *employed at laundries and engaged wholly or mainly in washing military or other clothing.*

A 2098X. Workmen engaged in methylating spirit for use in the manufacture of explosives.

A 2099X. Workmen described as gold blockers and engaged wholly or mainly in ornamenting or lettering goods the manufacture of which is insured work.

A 2100X. Workmen engaged wholly or mainly in making leather hots or shields for use in covering textile machinery rollers.

B 2101. *Workmen (other than those covered by decision* A 2100X) *engaged wholly or mainly in re-covering textile machinery rollers.*

A 2102X. Workmen engaged wholly or mainly in making metal reflectors for lighting purposes.

A 2103X. Workmen engaged wholly or mainly in the manufacture of combs and fallers for textile machinery (other than those in respect of whom contributions are payable under Part II. of the National Insurance Act, 1911).

B 2104. *Workmen employed by water companies and engaged in attending to the operation of water softening plant.*

A 2105X. Workmen engaged in the manufacture (including assembling, polishing and painting) of periscopes and hyposcopes.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2106X. Workmen (other than those already insurable under Part II. of the National Insurance Act, 1911) engaged in the manufacture of artificial marble. (*See also* decisions **A 1216** and **A 1525.**)

A 2107X. Workmen engaged wholly or mainly in shrinking iron hoops on to the ends of cast iron pipes.

A 2108X. Workmen (other than lithographers) engaged wholly or mainly in making enamelled iron signs, or in preparing and mixing enamel for use in such manufacture.

A 2109X. Workmen engaged in the manufacture of compressed raw hide blanks, hammers and mallets, round leather banding for sewing machines, and leather machine belting.

A 2110X. All workmen engaged in the manufacture (including assembling) of portable refrigerators and similar articles which are intended for use in war.

B 2111. *Workmen (other than those engaged in sawmilling, machine woodwork, or the making of metal parts) engaged in the manufacture of portable refrigerators and similar articles (not being machinery) which are not intended for use in war.*

A 2113X. Workmen engaged wholly or mainly in making up fur coats or other garments for use in war (except in so far as covered by the Exclusion Order made by the Board of Trade dated the 29th August, 1916, *see* p. **).**

B 2114. *Workmen engaged wholly or mainly in cutting out, lining, stitching, and making up fur coats, rugs, muffs, collarettes, etc. (not intended for use in war).*

A 2115X. Workmen engaged wholly or mainly in workng wood on machines driven by foot power.

A 2116X. Workmen engaged wholly or mainly in sawing, barking and chopping wood by machinery for use in the manufacture of paper.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

***B 2117.** *Workmen engaged wholly or mainly in crushing granite or stone.*

B 2118. *Inspectors, examiners, etc., whose work consists wholly or mainly in supervision and involves the use of tools or measuring instruments only in connection with such supervision.*

A 2119X. Workmen engaged wholly or mainly in collecting and compressing carbonic acid gas.

B 2120. *Workmen engaged wholly or mainly in handling or otherwise dealing with yeast after it has been separated from the alcohol.*

A 2121X. All workmen (other than those covered by decision B 2120) engaged in the manufacture of alcohol for use wholly or mainly in the manufacture of explosives.

A 2122X. Gatemen employed in connection with insured trades and engaged wholly or mainly by way of manual labour, e.g., in such work as opening and shutting gates, taking in and handing out checks, operating a weighing machine, keeping the yard tidy, carrying messages.

B 2123. *Gatemen when not employed wholly or mainly by way of manual labour, e.g., in clerical work, watching persons passing in and out and noting times, examining passes, keeping records of traffic, etc.*

This decision modifies decision **A 1869X.**

A 2124. Workmen employed in the construction, reconstruction, or alteration of groynes, whether of timber, concrete, or other materials, for the protection of sea coasts.

A 2125X. Workmen employed in the production of charcoal for use in the manufacture of explosives.

A 2126X. Workmen employed in the distillation of wood for wood spirit, liquors for calico printers, wood tar, and in the manufacture of acetate of lime.

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* Decision B 2117 has been modified by decision B 2386.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2127X. Workmen engaged in the repair of casks and barrels when carried on in immediate connection with munitions work.
This decision modifies decision **B 1988.**

A 2128X. Labourers employed at timber ponds which are part of the premises of sawmills or other establishments engaged wholly or mainly in carrying on any insured trade or munitions work.

A 2129X. Workmen engaged wholly or mainly in the manufacture of acetone.

B 2130. *Workmen (other than those employed in the manufacture of chemical ingredients) engaged wholly or mainly in mixing and preparing compounds for case-hardening metals.*

A 2131X. Workmen engaged wholly or mainly in engraving or etching jewellery, gold and silver-ware, or plated goods.

A 2132X. Workmen (other than those already insurable under Part II. of the National Insurance Act, 1911) engaged wholly or mainly in grinding and mixing paints or colours, whether by hand or machinery.

B 2133. *Workmen engaged in any process of engraving in connection with the printing and stationery trade.*

A 2134X. Workmen engaged wholly or mainly in the manufacture of compressed leather from leather shreds.

B 2135. *Workmen (other than those covered by decision* A2134X) *engaged wholly or mainly in the manufacture of imitation leather board.*

A 2136X. Workmen engaged wholly or mainly in the manufacture of nitro-cellulose and of celluloid.

B 2137. *Workmen engaged wholly or mainly in the manufacture of leather cloth.*

B 2138. *Workmen engaged wholly or mainly in the manufacture of linoleum.*

A 2139. Workmen engaged wholly or mainly in the manufacture of doffing plates.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2140. *Workmen employed in producing vegetable extracts for tanning and dyeing, other than those engaged in the chemical treatment of natural indigo, orchill or other vegetable materials.*

B 2141. *Workmen engaged wholly or mainly in dressing furs or woolskins.*

A 2142X. Workmen engaged in sawing or otherwise working by machinery cane or bamboo.

A 2143X. Workmen engaged in the manufacture of bitumastic paints, enamels, or cements.

A 2144X. Workmen engaged wholly or mainly in the manufacture of paper or cardboard boxes or tubes for use in war.

This decision modifies decision **B 1632.**

A 2145X. Workmen engaged wholly or mainly in recovering and reconverting soda, &c., from the spent liquors resulting from paper manufacture.

A 2146X. Workmen (other than those insurable under Part II. of the National Insurance Act, 1911), who are employed wholly or mainly in workshops of Railway Companies and engaged in repairing platelayers' tools, signal rodding, points, rails, metal parts of bridges or other metal work.

A 2147X. Workmen employed in the manufacture of card clothing, including foundations containing rubber or leather, but not including weaving or anterior processes, whether the card clothing is intended for use in munitions work or not.

A 2148X. Workmen who are employed in an establishment carrying on any trade insured under the National Insurance (Part II.) (Munition Workers) Act, 1916; and who are engaged in cleaning locomotives or other vehicles which are used mainly on the premises of the establishment.

B 2149. *Workmen engaged wholly or mainly in the work of driving, tenting or minding steam cranes and locomotives or stoking boilers in connection with quarrying stone.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2150. *Persons engaged in making umbrella sticks by hand.*

B 2151. *Workmen engaged in making mattresses of straw, hair, wool or flock, unless they are intended for use in war.*

A 2152X. Workmen (other than those already insurable under Part II. of the National Insurance Act, 1911) engaged in the manufacture of metal springs of any kind.

A 2153X. Workmen engaged in making metal name plates and metal letters for fixing on buildings.

A 2154X. Workmen engaged in cutting down old wooden cases, and re-making into cases of a different size.

B 2155. *Workmen engaged in fixing name plates and letters on buildings.*

B 2156. *Workmen employed as engine tenters or as stokers in connection with uninsured trades.*

B 2157. *Persons engaged wholly or mainly as draughtsmen, tracers, office attendants, office messengers, commissionaires, clerks, typists.*

B 2158. *Overlookers, chargehands, storekeepers, warehousemen, when not employed wholly or mainly by way of manual labour.*

A 2159X. Workmen (other than those already insurable under Part II. of the National Insurance Act, 1911) engaged in the manufacture or repair of anchors, chains, chain couplings, and miscellaneous chain attachments of metal.

B 2160. *Workmen employed by a town council and engaged in sweeping streets, emptying ashpits, or as attendants at a refuse destructor.*

A 2161X. Workmen engaged in the repair of biscuit tins, oil and colour tins, &c.

B 2162. *Lapidaries or stone cutters.*

This decision, together with decisions **A 2163X** and **A 2164X**, supersedes decisions **B 1792** and **A 2001X.**

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2163X. Jewellery mounters engaged wholly or mainly in making or repairing metal mounts of any description.

This decision, together with decisions **B 2162** and **A 2164X,** supersedes decisions **B 1792** and **A 2001X.**

A 2164X. Jewellery setters engaged wholly or mainly in setting stones in metal mounts of any description.

This decision, together with decisions **B 2162** and **A 2163X,** supersedes decisions **B 1792** and **A 2001X.**

A 2165X. Workmen engaged in the manufacture (including cold rolling and galvanising) of flexible metallic tubing, including workmen engaged in preparing rubber for, or making rubber parts of, such tubing.

A 2166X. Tinsmiths engaged in the manufacture of navigation and other lanterns.

B 2167. *Workmen (other than those covered by decision* A1865X) *engaged in the manufacture of lead pencils which are not intended for use in war.*

A 2168X. Workmen engaged in making tin cases for billiard cues.

A 2169X. Workmen engaged in the manufacture of speedometers.

A 2170X. Workmen (other than those already insurable under Part II. of the National Insurance Act, 1911) engaged wholly or mainly in the manufacture of iron, steel or other metal hardware and hollow-ware.

B 2171. *Workmen (other than those described in decision* A2033X) *engaged in the manufacture of organs.*

B 2172. *Workmen engaged in the manufacture by hand of toys (other than makers of metal, leather or rubber toys or parts of toys).*

A 2173X. Workmen engaged in making branding wires for coopers.

A 2174X. Workmen (other than those already insurable under Part II. of the National Insurance Act, 1911) engaged in the repair, including sharpening, of metal hand tools.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2175. *Workmen (other than those engaged in machine woodwork) engaged in the manufacture of violins.*

A 2176X. **Workmen engaged in the manufacture of rubber tyres and elastic air tubes for motors, cycles or other vehicles.**

A 2177X. **Workmen engaged in making sheet, pipe or pig lead, in rolling lead, or in making lead pipes.**

A 2178X. **Workmen employed on metal work in connection with the manufacture of X-ray and electro-medical apparatus.**

A 2179X. **Workmen (other than those insurable under Part II. of the National Insurance Act, 1911) engaged wholly or mainly in making removable lamps for buoys or beacons.**

B 2180. *Workmen described as rest room attendants, and engaged in looking after workers, keeping rest room clean, etc.*

A 2181X. **Workmen described as engravers and die sinkers engaged in the manufacture of metal blocks and tools for book binders and gold blockers.**

A 2182X. **Workmen engaged wholly or mainly in the manufacture of brushes required for use in the manufacture or repair of munitions of war.**

This decision modifies decision **B 1772.**

A 2183X. **Workmen engaged in the manufacture of gas-testing apparatus.**

A 2184X. **Workmen engaged in the manufacture of artificial millstones, or in the manufacture of other millstones for use in the production of munitions of war.**

A 2185X. **Stablemen or other workmen employed in an establishment carrying on any trade insured under the National Insurance (Part II.) (Munition Workers) Act, 1916, and engaged in tending horses which are used mainly on the premises of the establishment.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2186X. Workmen employed in the manufacture of electrical appliances for railway signalling and for electric control of railway signalling installation.

A 2187X. Workmen employed in the repair of coke oven bye-product plant.

A 2188X. Workmen engaged in making incandescent oil lamps.

A 2189X. Workmen engaged in adapting gas and candle fittings for electric light.

A 2190X. Workmen engaged in making band saws and band knives.

A 2191X. Workmen engaged in the manufacture of needles and points for hosiery and knitting machinery. (*See also* decision **A 470.**)

A 2192X. Workmen engaged in the manufacture of guides and points for lace-making and lace-finishing machines.

A 2193X. Workmen engaged in making (1) steering indicators; (2) fire-control apparatus for large guns; and (3) stoke-hole indicators and danger signals.

A 2194X. Workmen engaged in drilling, filing and rivetting small iron castings such as castor horns, wardrobe hooks, &c.

A 2195X. Workmen employed wholly or mainly in the manufacture or repair of milk cans and household tinware.

A 2196X. A workman employed at brickworks, and engaged in making and repairing boxes, benches, barrows, &c., and other movable articles used in the manufacture of bricks and tiles.

A 2197X. Workmen engaged wholly or mainly in the work of making metal, leather or rubber cycle and motor accessories.

A 2198X. A workman employed by a firm of oxide of iron manufacturers, and engaged in the work of preparing stones to be used for grinding purposes.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2199X. Workmen engaged in making metal restaurant utensils.

A 2200X. Workmen employed in the manufacture of metal baths and cisterns and sanitary fittings, including painting, enamelling and general labour.

A 2201X. Workmen engaged in the manufacture of metal accessories for textile machinery which are not built into or fixed in the machinery.

A 2202X. Workmen employed in the manufacture of metal barrels, drums and tanks which are not intended to form part of the structure of buildings, ships or vehicles.

B 2203. *Workmen employed in the repair of kilns and ovens for the firing of pottery, tiles and sanitary ware, other than articles mentioned in decisions* A 1647X *and* A 1949X.

B 2204. *Workmen (other than those included under decision* **A 2084X**) *engaged in the manufacture of asphalte and bitumen at works.*

B 2205. *Persons employed by a wireless telegraph company and engaged* (1) *in superintending and assisting in superintending the erection and maintenance of stations, and not employed wholly or mainly by way of manual labour; and* (2) *as works manager and assistant and foreman.*

B 2206. *Workmen engaged in the manufacture of brake blocks for cycles from compressed paper, if not intended for use in war.*

B 2207. *Workmen employed in the repair of coke oven plant (other than buildings, machinery or bye-product plant).*

B 2208. *Workmen employed by an electric supply company, and engaged in cleaning electric arc and incandescent lamps.*

B 2209. *Workmen engaged in making by hand the cages of wooden dinner and goods lifts, blinds and shutters.*

[***B 2210.** *Workmen engaged in* (1) *preparing by hand and assembling parts of window blinds; and* (2) *fixing on premises inside and outside blinds.*]

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* This decision is not now operative. *See* decisions A 2397X and B 2398.

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" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2211. *Workmen making estate fencing by hand.*

B 2212. *Workmen employed by gas companies, and engaged in the repair of gas retorts and retort settings.*

B 2213. *Workmen engaged in the manufacture of emery wheels which are not made in a mechanical engineering establishment solely for use in that establishment and which are not for use in the manufacture of munitions of war.*

B 2214. *Workmen engaged in making by hand gates or ladders, other than metal gates and ladders or metal parts, and not intended for use in war.*

B 2216. *Workmen (other than those engaged in sawmilling or machine woodwork) employed by a firm of dyers and cleaners, and engaged wholly or mainly in making and repairing movable woodwork such as movable dye baths, tables, benches, frames, &c., not being fittings of wood of a kind commonly forming part of the construction or decoration of buildings.*

A 2217X. Workmen engaged in making and repairing steel barrows.

A 2218X. Workmen employed in the manufacture of taximeters.

B 2219. *Workmen engaged in making by hand removable fonts, pulpits and reredoses, and other furniture of wood.*

A 2220X. Workmen engaged in the manufacture of brake blocks for cycles from vulcanised fibre, if intended for use in war.

A 2221. Workmen engaged in the installation in buildings or ships of accumulators for use in connection with electrical machinery.

A 2222X. Metal workers engaged in the manufacture of kinematograph apparatus.

A 2223X. Workmen engaged in the manufacture of uniforms for the British Red Cross Society (otherwise than to individual order).

A 2224X. Workmen who are employed in an establishment carrying on any trade insured under the National Insurance (Part II.) (Munition Workers) Act, 1916, and who are engaged in shunting railway vehicles which are used mainly on the premises of the establishment.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2225X. All classes of workmen, including woodworkers by hand, employed in the manufacture of portable apparatus for gymnastic use such as parallel bars, vaulting horses, appliances for muscular exercises and similar articles under contract with the Admiralty, War Office, British Red Cross Society or otherwise for use in war.

A 2226X. Workmen engaged in the manufacture, installation and repair of instruments for sending or receiving sound under water.

A 2227X. Workmen engaged wholly or mainly in:—

(1) making briar pipe bowls by machinery;
(2) making, including bending and polishing, vulcanite mouthpieces for pipes;
(3) fitting stems to briar pipes;
(4) finishing and polishing briar pipes.

A 2228X. Workmen engaged wholly or mainly in making metal mounts for pipes, sticks, &c.

B 2229. *Workmen engaged wholly or mainly in fixing metal mounts on to pipes, sticks and other articles which are not intended for use in war.*

B 2230. *Workmen (other than leather workers) engaged wholly or mainly in making wooden tobacco pipe cases by hand.*

A 2231X. Workmen engaged wholly or mainly in making leather covered, rubber lined tobacco pouches.

A 2232X. Workmen engaged in cutting small dies for jewellery.

A 2233X. Workmen engaged in the manufacture of metal scales for use by retail traders.

A 2234X. Workmen engaged in preparing steel dies for medallists, hardening and stamping from them in various metals.

A 2235X. Workmen engaged in:—

(1) roasting zinc ore for the elimination of sulphur.
(2) smelting or distillation of zinc ore for spelter.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2236X. Workmen engaged in making musical instruments of metal and metal parts of musical instruments.

A 2237X. Workmen engaged in the manufacture of electrical cooking and heating apparatus.

A 2238X. Workmen engaged in making and fitting brushes of metal.

A 2239X. Workmen engaged in the manufacture or repair of conductors' ticket punches.

B 2240. *Workmen (other than sawmillers or machine woodworkers) engaged in making or repairing wooden guards for domestic washing machines.*

B 2241. *Workmen engaged in making by hand portable dog kennels and poultry appliances of wood.*

B 2242. *Workmen engaged in the construction by hand of wooden vats for brewers.*

B 2243. *Workmen making by hand salt moulds and wooden tools for use in the manufacture of salt.*

B 2244. *Workmen engaged in the manufacture of wooden barrows (one-wheeled) by hand.*

B 2245. *Workmen employed by a firm of dyers and cleaners, and engaged wholly or mainly in making and repairing by hand movable woodwork, such as dye baths, tables, benches, frames, vats, racks, &c., not being fittings of wood of a kind commonly forming part of the construction or decoration of buildings, or used in the manufacture of munitions of war.*

B 2246. *Workmen engaged in making by hand wooden pheasant coops and gates for fields.*

B 2247. *Workmen engaged in delivering or removing safes.*

B 2248. *Workmen (other than those engaged in sawmilling or machine woodwork) engaged in the work of handling, preparing and creosoting telegraph poles and other timber.*

A 2249X. Workmen engaged in the manufacture (including assembling and japanning) of metal domestic coffee mills and the manufacture of metal and leather parts of domestic knife cleaning machines.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2250. *Workmen (other than those engaged wholly or mainly in machine woodwork or in the making of metal or leather parts) engaged in the manufacture of domestic knife-cleaning machines, which are not intended for use in war.*

A 2251X. Enamellers and lacquerers of brass and other metals in connection with the manufacture of electric light fittings.

B 2252. *Slate enamellers employed in connection with the manufacture of domestic electric light fittings which are not intended for use in war.*

B 2253. *Workmen employed by an electric lighting authority and engaged in the work of—*

(1) *cleaning arc and incandescent lamps not in connection with repair of lamps;*

(2) *making by hand removable wooden meter brackets;*

(3) *fixing removable meters and brackets;*

(4) *fuse hands;*

(5) *boiler cleaning;*

(6) *fitting up temporary wires and appliances in show rooms and carrying out experiments and tests.*

A 2254X. Workmen engaged in the manufacture of articles composed of compounds of asbestos and gums for use in war or in the manufacture of munitions of war.

A 2255X. Workmen engaged in the work of—

(1) Tack makers;

(2) Metal last and form makers for use in boot and shoe trade;

(3) Knife makers for presses in boot and shoe trade.

A 2256X. Workmen engaged wholly or mainly in fitting up, finishing ready for sale, or in repairing (including cleaning) electric stoves, cooking apparatus and similar electric appliances.

A 2257X. Workmen employed in the manufacture of syphons and capsules, tyre inflators, metallic hose covering and vacuum flasks, surgical apparatus, fire extinguishers, &c.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2258X. Workmen employed at a school of musketry, and engaged wholly or mainly as:—

(1) Carpenters, making targets and other rifle range appliances;

(2) Range wardens, in rough carpentry for the maintenance of targets and rifle range appliances.

(3) Labourers, assisting carpenter.

(4) Blacksmith and assistant repairing iron fittings for targets, shelters, repairing telephones, &c.

B 2259. *Persons employed in photographic departments in connection with insured trades, and not engaged wholly or mainly by way of manual labour.*

B 2260. *Workmen engaged in shipbuilding yards, and described as cabinet makers and French polishers making detachable chairs and tables, not being fittings of wood of a kind commonly made in a shipbuilding yard or intended for use in war.*

This decision is a revised wording of decision **B 2215.**

A 2261X. Workmen engaged in the manufacture of lens mounts, including engraving and lacquering.

A 2262X. Workmen engaged in making measuring rules, tapes and spirit levels, intended for use in war or in the manufacture of munitions of war.

A 2263X. Workmen engaged wholly or mainly in barrelling brass nickel buckles and general harness furniture.

B 2264. *Workmen engaged in the manufacture and erection by hand of boxes for fixing on outside sun blinds.*

B 2265. *Workmen engaged wholly or mainly in the work of—*

(1) *making by hand and painting garden seats, tables, pergolas, trellises, tubs and other garden furniture.*

(2) *making by hand treillage for use on walls.*

B 2266. *Workmen (other than machine woodworkers and makers of metal parts) engaged wholly or mainly in the manufacture of wooden gates and sheep troughs.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2267X. Workmen engaged wholly or mainly in making gauges for measuring the thickness of wire rods and sheets of metals.

A 2268X. Workmen employed by an electric supply authority, and engaged wholly or mainly in assembling and finishing cable accessories, such as jointing boxes.

A 2269X. Workmen employed in a factory as mixers of ingredients for the laying of composition flooring and filling bags with the mixture.

A 2270X. Workmen employed in the gas department of a city council, and engaged in drilling holes in gas lamp pillars, or in painting lamps in a workshop.

A 2271X. Workmen engaged in sawmilling or machine woodwork or in the manufacture or repair of metal goods used in connection with clay mines.

B 2272. *Workmen making by hand the woodwork of music stands, filing devices and similar articles.*

A 2273X. Workmen engaged in making non-dirigible balloons which are intended or adapted for use in war.

A 2274X. Workmen engaged in making metal tennis markers.

A 2275X. Assistants employed in the tin-box making department of a food-packing establishment, and engaged in oiling tin plates and in miscellaneous labour.

A 2276X. Workmen engaged in making copper cylinders and pipes and other water fittings in connection with plumbers' work on buildings.

B 2277. *Chauffeurs (other than those included under decision* **A 1866X**) *engaged in driving and cleaning cars and in doing occasional adjustments.*

A 2278X. Workmen engaged in making or repairing time recorders and similar instruments.

A 2279X. Workmen engaged in making ironwork for basket-makers, coopers and seedsmen.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2280X. **Workmen engaged in making wood pulleys by machinery.**

A 2281X. **Workmen engaged in the manufacture by machinery of wooden bottle stoppers.**

A 2282X. **Workmen engaged in making ornamental wrought ironwork.**

A 2283X. **Workmen engaged in the manufacture of metal collapsible gates.**

B 2284. *Workmen engaged in fitting iron ratchets to tennis posts.*

B 2285. *Workmen engaged wholly or mainly in the manufacture of gramophone records.*

A 2286X. **Workmen engaged in the manufacture (including assembling) of turret clocks.**

A 2287X. **Workmen engaged wholly or mainly in rubbing down with pumice stone, japanning, varnishing and polishing metal copying presses.**

A 2288X. **Workmen engaged in metal work and machine woodwork in connection with the manufacture of wind-screens for automobiles.**

A 2289X. **Workmen engaged in the manufacture of metal stamp-affixing machines.**

B 2290. *Workmen engaged in fixing automatic gas controllers in position in streets.*

B 2291. *Workmen (other than those engaged in sawmilling, machine woodwork or metal work) who are engaged in preparing railway signal posts, repairing railway station furniture, hammer shafts, brake-sticks, &c., not intended for use in war.*

B 2292. *Workmen engaged in making by hand wooden lifts worked by hand power.*

B 2293. *Workmen engaged in repairing by hand the woodwork of coal staiths which are not used in connection with insured trades or munitions work.*

B 2294. *Workmen (other than those engaged in machine woodwork or in the manufacture of metal parts) engaged in making or repairing Jacquard harness.*

B 2295. *Workmen engaged in the preparation by hand of organ cases or in the fixing of such cases.*

A 2296X. **Workmen engaged in repairing in workshops automatic gas controllers.**

A 2297X. **Workmen engaged wholly or mainly in making leather tool rolls for automobiles.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2298. *Workmen engaged wholly or mainly in the work of regulating sewing machines for various classes of work, and not engaged wholly or mainly in repairing the machines, or employed in connection with munitions work.*

A 2299X. Workmen engaged in the manufacture of metal hardware for vehicles.

A 2300X. Workmen engaged in the manufacture of wrought-iron shackles, thimbles and similar articles.

A 2301X. Workmen engaged wholly or mainly in the manufacture of metal carriage lamp stumps.

A 2302X. Workmen engaged wholly or mainly in edging, drilling and rivetting iron castors for bedsteads.

A 2303X. Workmen engaged in machine woodwork in connection with the manufacture of domestic churns turned by hand, or in the manufacture of metal parts of such churns. (*See also* decision **A 1194.**)

A 2304X. Workmen engaged in fitting together metal and leather parts of cycle and motor cycle saddles.

A 2305X. Workmen engaged in the manufacture of needles and hooks for lace or net making or finishing machines.

A 2306X. Workmen engaged in the manufacture of metal seals and box fasteners.

A 2307X. Workmen engaged wholly or mainly in die-sinking for silversmiths and jewellers. (*See also* decision **A 1359.**)

A 2308X. Workmen engaged wholly or mainly in the manufacture of electric condensers.

A 2309X. Workmen employed by a fibro-cement company, and engaged in making artificial slates, sheets, or slabs. (*See also* decision **A 1216.**)

A 2310X. Workmen engaged in making metal fittings for show cases, shop fronts, &c.

A 2311X. Workmen engaged wholly or mainly in the manufacture of metal fenders.

A 2312X. Workmen engaged in making or repairing hand tools used in connection with the charging or drawing of gas retorts.

A 2313X. Workmen employed by envelope manufacturers and engaged in trimming and sharpening envelope cutters.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2314X. Workmen engaged wholly or mainly in the manufacture of chain attachments, such as hooks, swivels, shackles, brackets, eyebolts, &c.

A 2315X. Workmen engaged in the distillation of petroleum spirit.

A 2316X. Workmen engaged in the manufacture of metal domestic mincing machines, food choppers, &c.

A 2317X. Workmen engaged in the repair of metal scales.

A 2318X. Workmen engaged in the manufacture and assembling of metal parts of electrical water heaters.

B 2319. *Workmen employed by railway companies*—

In connection with the mechanical engineering establishments—

(1) *Employed in works or in yards or stores immediately connected therewith*—

(*a*) *Persons not employed wholly or mainly by way of manual labour such as chain examiners and testers, chemists, boiler and engine inspectors, material checkers, storesmen, watchmen, fire station attendants;*

(*b*) *Telephone attendants, gas makers and stokers (for general illumination of works, houses, carriages, stations, &c.), pumpers filling locomotives, saddlers repairing harness, loco-engine drivers, shunters, platelayers, messroom attendants.*

(2) *Other employees*—

Electric linesmen and wiremen (maintenance of telephone lines and apparatus at railway stations, &c.), locomotive engine drivers, enginemen, crane drivers, excavators, paviors, labourers, and others employed in connection with uninsured trades, water fitters keeping in order pumps about the railway system.

In connection with carriage and wagon works—

(1) *Employed in works or in yards or stores immediately connected therewith*—

(*a*) *Persons not employed wholly or mainly by way of manual labour, such as spring testers, storekeepers, timber selectors and markers, weighmen.*

(*b*) *Caners making portable chairs, hair carders, horse drivers shunting carriages and wagons in use, carriage washers, laundresses, sheet makers.*

(2) *Other employees*—

Enginemen, labourers and water fitters employed in connection with uninsured trades.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

In connection with workshops at which steam and other vessels are repaired—

Labourers connected with loading and unloading or other uninsured trades, ferrymen, sailmakers, and storesmen and watchmen not engaged wholly or mainly in manual labour.

In dredging harbours or entrances to harbours, in connection with docks, or in the engineering department of canals—

All men engaged in maintenance and repairs of works (excluding *repairs of buildings, machinery, vehicles, or ships, and the manufacture of metal goods for the purpose of repair of works, or sawmilling and machine woodwork*).

A 2320. Workmen who are employed in establishments which are mainly carrying on any insured trade or munitions work, and who are engaged in the maintenance and repair of railway lines.

This decision reverses decision **B 1419.**[*]

A 2321X. Workmen engaged in the treatment of ore for the separation of wolfram.

B 2322. *Workmen employed at woollen mills and engaged in the recovery of oil from waste materials.*

This decision reverses decision **A 1736X.**

B 2323. *Workmen employed in hand woodwork in connection with the manufacture of lappet wheels for the textile trade.*

A 2324X. Workmen engaged in the manufacture of pull-throughs for small arms.

A 2325X. Workmen engaged wholly or mainly in fitting-up cast-iron fuse boxes, such as are commonly used for ordinary domestic installations.

A 2326X. Workmen engaged wholly or mainly in making chargers for small arms ammunition.

A 2327X. Workmen employed by firms of tube makers and engaged wholly or mainly in tagging, skimming or bell-mouthing tubes for the automobile industry.

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[*] Decision B 1419 was to the effect that contributions were not payable in respect of platelayers employed at a steel foundry, and engaged wholly or mainly in the upkeep of railway lines about the works.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2328X. Workmen described as sheet metal workers, and engaged in the manufacture of:—

(1) despatch and other tin boxes, canisters, kegs, footwarmers, travelling cases, cases for cues, &c.;
(2) bread, meat, biscuit or cake tins; strainers, bottles, wash-ups, drippers, cooking utensils, kettles, portable gas-heated boilers, milk cans, urns, &c.;
(3) sheet metal goods for ironmongery trade, such as ventilators, fire extinguishers, stoves, dustbins, tallboys, cowls, stovepipes, baths, oil or water cans, tins for oil, colours, &c.; tennis markers, domestic gas meters, ceiling decoration;
(4) sheet metal accessories for cycles and motor cycles, such as lamps, bells, pumps;
(5) tanks, cisterns, welded kitchen boilers;
(6) sheet metal generators for acetylene or petrol gas;
(7) movable furniture, shelving, lockers, desks, cupboards;
(8) sheet metal cylinders for packing and transit of explosives; chargers for small arms ammunition;
(9) tubes for Axminster carpet weaving;
(10) sheet metal ducts for ventilating, extracting, conveying, exhausting, drying or similar purposes, including cowls, heads, separators, but not including power-driven fans. (*See also* decision **A 1483.**)

A 2329X. Workmen employed in making iron fittings for wooden pulley blocks, and not employed in a shipbuilding yard.

A 2330X. Workmen employed by pipe founders, and engaged wholly or mainly in machining the faces or flanges or other parts of cast-iron pipes.

A 2331X. Workmen engaged in flapping, cranking, or shutting axles for use in horse-drawn vehicles.

A 2332X. Workmen engaged in making hollow concrete slabs for building purposes. (*See also* decision **A 1216.**)

A 2333X. Workmen (other than those engaged in ironfounding) who are engaged in making retarding mechanism for roller shutters.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2334X. Workmen engaged in repairing metal tubs for slag.

A 2335X. Workmen engaged in the manufacture of spraying machines for limewashing, disinfecting or horticultural purposes.

A 2336X. Workmen (other than stockfitters*) engaged in the manufacture of metallic ships' berths.

A 2337X. Workmen engaged in the manufacture of rifle or hand grenades or bombs (other than those insured under Part II. of the National Insurance Act, 1911). (*See also* decision **A 1547.**)

B 2338. *Workmen (other than those engaged in machine woodwork) who are engaged wholly or mainly in making, assembling or finishing small wooden cash tills (not being patent cash tills or registers which contain mechanism for totalling the various items recorded).*

A 2339X. Workmen engaged in the manufacture of automatic balances for weighing cartridges.

A 2340X. Workmen engaged in the manufacture of permanent magnets.

A 2341X. Workmen employed wholly or mainly in making steel helmets for military use.

A 2342X. Workmen described as steel bottle makers, and engaged in shaping steel tubes into bottles or cylinders for containing gases.

A 2343X. Mine smiths employed by a tin-mining company, when engaged wholly or mainly in sharpening rock drills and miners' tools, repairing pit cages, skips, water and ore buckets.

A 2344X. Workmen engaged in making metal top plates for hat curling frames.

A 2345X. Workmen engaged in putting up or packing type at a factory engaged in the manufacture of type, or in a warehouse immediately connected therewith.

B 2346. *Workmen employed in hand woodwork in the manufacture of portable incubators.*

A 2347X. Workmen engaged in machine woodwork in connection with the manufacture of cabinets for addressograph machines, or in the manufacture of metal plates for use in such machines.

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* The position of stockfitters is dealt with in decision A 1220.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2348. *Workmen engaged in hand woodwork in the manufacture of cabinets for addressograph machines.*

A 2349X. **Workmen engaged wholly or mainly in the manufacture of concrete or artificial stone pipes, poles, slabs, sleepers, &c.; or in the manufacture of any other pipes, &c., for use in war.** (*See also* decision **A 1216.**)

This decision modifies decision **B 1768.**

A 2350X. **Workmen employed in mixing and bagging artificial manure consisting of slaughter-house refuse, and phosphate, sulphate of ammonia, &c.**

B 2351. *Workmen employed by water companies, and engaged in—*

(1) *examining and testing, by means of hydraulic pressure, taps, stop taps, cisterns, &c.;*

(2) *examining stop tap boxes and stamping same with official mark;*

and who are not employed in connection with manufacture or repair of taps, &c.

A 2352X. **Apprentices over 16 years of age employed wholly or mainly by way of manual labour elsewhere than in Scotland in trades set out in Schedule I. of the National Insurance (Part II.) (Munition Workers) Act, 1916, or in munitions work, and who are bound by agreements which are not under seal and which do not purport to have been sealed.**

A 2353. **Apprentices over 16 years of age employed wholly or mainly by way of manual labour elsewhere than in Scotland in trades set out in Schedule VI. of the National Insurance Act, 1911 (Unemployment Insurance), and who are bound by agreements which are not under seal and which do not purport to have been sealed.**

A 2354X. **Workmen engaged in the manufacture of telephone switchboards for use in war.**

A 2355X. **Workmen engaged in the manufacture of turnovers, recappers, turnscrews, and brushes for cleaning guns and rifles.**

A 2356. **Workmen engaged in the manufacture of bayonet connections.**

A 2357. **Workmen engaged in the repair of accumulators used in connection with electrical machinery in buildings or ships including cleaning sediment from the cells.**

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2358. Gatemen employed in connection with insured trades and engaged wholly or mainly by way of manual labour, e.g., in such work as opening and shutting gates, taking in and handing out checks, operating a weighing machine, keeping the yard tidy, carrying messages.

This decision modifies decision **B 50***, and subsequent decisions relating to gatemen in so far as they may conflict.

A 2360. Workmen engaged in the manufacture of plugs for shells.

A 2361X. Workmen engaged in turning off copper rollers, dies and mills used in calico printing.

A 2362. Joiners employed at paper mills and engaged in the repair of vacuum boxes, breast boxes and spouts, wooden guards, wood covers over beater rolls, and similar woodwork connected with the machinery of paper mills.

B 2363. *Piece-work contractors or piece-workers executing work for manufacturers of cutlery or silver plate if such contractors or piece-workers—*

(1) *work on their own premises or rent a " side " or " trough " in a tenement factory or workshop selected by themselves;*

(2) *are not under control in respect of the hours or precise method of work; and*

(3) *are merely under an obligation to complete a specified article and not to work for a specified time.*

B 2364. *Workmen engaged wholly or mainly in wolfram streaming.*

B 2365. *Workmen engaged wholly or mainly in printing, enamelling, varnishing, or similarly treating tin-plate prior to its being cut into sizes suitable for making boxes or canisters.*

A 2366X. Students at technical institutes receiving training under arrangements made by the Ministry of Munitions.

B 2367. *Cabinet makers working by hand on the woodwork of portable articles of office equipment which are not intended for use in war.*

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* Decision B 50 was to the effect that contributions were not payable in respect of workmen employed in a mechanical engineering establishment, and described as......gatemen.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2368X. **Workmen engaged wholly or mainly in the manufacture of metal instruments and appliances for the use of dentists.**

B 2369. *Switchboard attendants and workmen engaged wholly or mainly in minding, tenting, or driving electrical machinery in connection with uninsured trades.*

A 2370X. **Workmen engaged in making and running anti-friction metal into ingots, and in making and casting into ingots ferro-aluminium, &c.**

A 2371X. **Workmen engaged in making by machinery wood blocks for the shaping of felt hats.**

A 2372X. **A steam hammer forger engaged in making copper refining ladle plates and rabble heads and light forgings for use in copper, spelter, and steel works.**

B 2373. *Joiners engaged wholly or mainly in making by hand wooden drums for electric cables.*

A 2374X. **Workmen engaged wholly or mainly in making metal bung guards, or in making by machinery wooden bungs.**

A 2375X. **Workmen engaged in screwing tubes.**

A 2376X. **Workmen engaged wholly or mainly in small brasswork in connection with the manufacture of rubber stamps, office presses, and similar articles.**

A 2377X. **Workmen engaged wholly or mainly in making metal laths.**

A 2378X. **Workmen engaged in corrugating and curving galvanised metal sheets.**

A 2379X. **Workmen engaged wholly or mainly in making metal clappers for bells.**

A 2380X. **Workmen engaged wholly or mainly in the manufacture of accumulator cell boxes or of lead linings for such boxes.**

A 2381X. **Workmen engaged in making wrought or welded iron pipes for use as telegraph poles.**

B 2382. *Workmen engaged in making by hand, or in erecting, notice boards stating that premises are " To let," or similar notice boards.*

A 2383X. **Workmen who are engaged wholly or mainly in making and fitting together wrought iron parts of small forges for heating rivets.**

B 2384. *Workmen engaged wholly or mainly in making vulcanised fibre parts of electric light fittings which are not intended for use in war.*

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

B 2385. *Workmen (other than sawmillers and machine woodworkers) engaged wholly or mainly in making or repairing small wooden confectionery trays.*

B 2386. *Workmen engaged wholly or mainly in crushing granite or stone, who are not employed wholly or mainly in carrying on any trade insured under the National Insurance (Part II.) (Munition Workers) Act,* 1916, *and who are not already insurable under Part II. of the National Insurance Act,* 1911.

This decision modifies decision **B 2117.**

A 2387X. Workmen engaged in attending automatic machines for welding wire together to form the reinforcement for concrete.

A 2388. All workmen engaged in making, including welding, stamping, and machining, ferrules for water tube boilers.

This decision amplifies decision **A 1263.**

A 2389X. Workmen described as painters employed by a firm of manufacturers, and engaged wholly or mainly in painting street lanterns or steel bookstacks at the works.

A 2390X. Workmen engaged wholly or mainly in refining mineral or vegetable (including edible) oils.

B 2391. *Workmen (other than those covered by decisions* A 1699X *and* A 2390X) *engaged wholly or mainly in making margarine or other butter substitutes.*

A 2392X. Workmen (other than those insurable under Part II. of the National Insurance Act, 1911), engaged wholly or mainly in making vulcanised fibre washers or parts of machinery required for the manufacture or repair of munitions of war.

This decision is a revised wording of decision A 2058X.

A 2393X. Workmen engaged wholly or mainly in the manufacture of metal signs for advertising purposes.

A 2394X. Workmen (other than those already insurable under Part II. of the National Insurance Act, 1911) engaged wholly or mainly in cutting out or otherwise preparing mica or micanite washers or other parts of machinery required for use in the manufacture or repair of munitions of war.

Note.—" A " numbers refer to decisions by the Umpire that contributions ARE PAYABLE.
" B " numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

A 2395X. Workmen (other than those covered by decision B 2396, or already insurable under Part II. of the National Insurance Act, 1911) engaged wholly or mainly in making electric plan-printing apparatus.

B 2396. *Glassworkers or workmen engaged in making wooden parts by hand in connection with the manufacture of electric plan-printing apparatus which is not intended for use in war.*

A 2397X. Workmen engaged wholly or mainly in making or assembling metal parts of, or fittings for, blinds.

This decision and decision B 2398 are substituted for decision B 2210.

B 2398. *Workmen engaged wholly or mainly in—*

(*a*) *preparing by hand wooden parts of blinds;*
(*b*) *fitting metal parts to wooden blind rollers;*
(*c*) *fixing on premises inside and outside blinds.*

This decision and decision A 2397 X are substituted for decision B 2210.

A 2399X. Change room attendants employed wholly or mainly by way of manual labour in connection with any insured trade or munitions work.

A 2400. Workmen engaged wholly or mainly in the construction of air raid shelters and dug-outs.

A 2401X. All workmen engaged wholly or mainly in fleshing and puering sheepskins subsequent to de-wooling, whether such skins are to be tanned on the premises or elsewhere.

A 2402X. Workmen engaged wholly or mainly in machine woodwork in connection with the manufacture of buoys for fishing nets.

B 2403. *Workmen engaged wholly or mainly in making skin buoys for fishing nets.*

A 2404X. Workmen engaged wholly or mainly in making leather parts of cycle and motor cycle saddles.

A 2405X. Workmen engaged wholly or mainly in filling explosives into shells, fuses and cartridges.

A 2406X. Workmen employed wholly or mainly in the workshops of local authorities, and engaged in painting iron seats, street orderly bins, or other metal goods.

APPENDIX I.

1. Decisions not included in this Volume.

(*a*) *Decisions given by the Umpire under Part II of the National Insurance Act, 1911, which have been omitted from the present volume on the ground that they have been rendered wholly or partly inoperative by the National Insurance (Part II.) (Munition Workers) Act, 1916 :—*

3, 4 & 5, 8, 9, 11, 12, 14, 16, 18, 21, 22, 30, 35, 45, 49, 51, 52, 53, 55, 56, 67 (1), 69, 71, 72, 74, 75, 76, 77, 78, 80, 81, 82, 84, 91, 92, 93, 95, 96, 98, 99, 102, 107, 108, 109, 112, 116, 117, 118, 119, 120, 122, 123, 124, 126, 127, 132, 133, 137, 138, 139, 140, 141, 146, 147, 149, 152, 155, 156, 159, 160, 165, 166, 167, 168, 171, 173, 175, 177, 179, 180, 181, 182, 183, 184, 186, 189, 190 (5, 6, 7, 8, 9, 16, 17), 192, 195, 198, 199 (in part), 200, 201, 202, 203, 206, 207, 210, 212, 215, 216, 219, 222, 223, 224, 227, 228, 232, 235, 236, 237, 238 (13, 14), 243, 246, 247, 251, 255, 256, 257, 259, 269, 272, 274, 276, 278 (in part), 281, 282, 283, 284, 285, 286, 288, 293, 294, 295, 296, 301, 302, 308, 310, 313, 316, 317, 318, 325, 328, 329, 338, 344, 345, 347, 352, 355 (1), 359, 362, 363, 364, 365, 366, 367, 369, 371, 373, 378, 379, 384, 385, 387, 392, 394, 396, 397, 399, 400, 401, 402, 403, 404, 405, 409, 410, 413, 415, 420 (in part), 421, 423, 424, 429, 430, 431, 434 (1), 437, 439, 441, 442, 443, 444, 445, 446, 447, 450, 451, 455, 458, 460 (3, 5), 463, 464, 466, 470, 472, 474, 475, 483, 485, 487, 500, 508, 510, 515, 518, 519, 521, 522, 524, 525, 528, 529, 530, 532, 536, 537, 539, 541, 544, 547, 550, 552, 555, 558, 560, 561, 562, 566, 568, 569, 571, 572 (2), 575, 577, 580, 584, 587, 590, 592, 593, 595, 596, 598, 599, 604, 610, 611, 614, 615, 616, 618, 619, 621, 626, 627, 629, 632, 633, 634, 637, 638, 639, 640, 641, 645, 646, 647, 648, 652, 653, 656, 658, 661, 662, 664, 665, 666, 668, 669, 678, 680, 684, 686, 687, 688, 690, 692, 693, 696, 700, 706, 707, 717, 718, 719, 721, 724, 726, 727, 730, 732, 733, 735 (2), 743, 747, 752, 755, 756, 758, 759, 760, 762, 763, 767, 771, 773, 774, 775, 777 (9, 10), 778, 782, 792, 793, 794, 796, 802, 804, 805, 807, 810, 813, 814, 817, 820, 822, 823, 827, 828, 829, 830, 831, 832, 833, 834, 836, 837, 839, 842, 844, 845, 846, 847, 848, 849, 855, 857, 858, 861, 864, 865, 873, 874, 875, 879, 885, 886, 887, 889, 892, 901, 903, 906, 907, 912, 913, 915 (3, 4), 916, 917, 918, 920, 921, 923, 925, 927, 931, 936, 938, 940, 943, 949, 951, 954 (1), 957, 958, 961, 962, 964, 965 (1, 2 & 4), 966, 969, 974, 975, 976, 977, 979, 984 (in part), 985, 990, 993, 998, 1000, 1003, 1004, 1006, 1008, 1011, 1013, 1023, 1024, 1032, 1035, 1036, 1039, 1041, 1043, 1046, 1047, 1048, 1051, 1055, 1056, 1057, 1060, 1066, 1071, 1080, 1082, 1083, 1084, 1085, 1097, 1103, 1107, 1108, 1109, 1112, 1117, 1120, 1126, 1127, 1128, 1134, 1136, 1138, 1147, 1150, 1151, 1158, 1164, 1170, 1176, 1177, 1179, 1181, 1182, 1185, 1189, 1191, 1192, 1197, 1200, 1201, 1202, 1204, 1206, 1218, 1221, 1222, 1223, 1228, 1231, 1244, 1247, 1248, 1251, 1257, 1265, 1266, 1279, 1282, 1290, 1292, 1295, 1299, 1304, 1312, 1316 (2), 1318, 1320, 1322, 1327, 1328, 1333, 1334, 1341, 1347, 1348, 1349, 1353, 1356, 1374, 1377, 1379, 1381, 1384, 1387, 1388, 1390, 1391, 1400, 1403, 1408, 1415, 1417, 1420, 1423, 1426, 1440, 1444, 1447, 1449, 1452, 1454, 1459, 1462, 1464, 1469, 1471, 1474, 1480, 1484, 1486, 1490, 1492, 1493, 1505, 1509, 1510, 1517, 1518, 1519, 1520, 1530, 1533, 1536, 1542, 1544, 1545, 1546, 1548.

(*b*) *Decisions relating to individual workmen which raise no question of general interest, or decisions which merely apply a principle laid down in a previous decision :—*

6, 13, 25, 27, 28, 32, 34, 37, 41, 47, 57, 68, 73, 79, 148, 151, 154, 158, 161, 164, 214, 225, 226, 229, 230, 239, 240, 244, 249, 250, 252, 254, 273, 368, 497, 498, 499, 517, 559, 563, 608, 783, 835, 1038, 1173, 1345, 1512, 1910, 2359.

(*c*) *Decisions given by the Umpire, but superseded before publication :—*

61, 104, 290, 331, 476, 543, 546, 579, 581, 605, 606, 612, 613, 624, 630, 769, 795, 852, 896, 967, 1002, 1017, 1027, 1087, 1142, 1143, 1154, 1175, 1188, 1199, 1233, 1239, 1308, 1309, 1317, 1324, 1367, 1398, 1583, 1708, 2112.

2 Decisions which modify or otherwise affect previous decisions.

B 223	modifies	**A 90**
A 320	supersedes	**A 89**
B 373	supersedes	**A 64** (1)
B 451	supersedes	**B 311**
A 504	modifies	**B 67** (2)
B 664	partly supersedes	**A 377** (1) and **A 419**
A 675	supersedes	**A 531**
A 749	supersedes any previous decision with which it may be in conflict.	
A 750	supersedes	**A 425**
A 751	partly supersedes	**B 446**
A 798	modifies	**B 565**
A 898	modifies	**B 119** (9)
A 1088	modifies	**B 50**
A 1131	partly supersedes	**B 398**
B 1138	modifies	**A 489** (2)
A 1145	modifies	**B 583** and **B 585**
A 1159	modifies	**B 396**
A 1161	supersedes	**A 946**
A 1162	supersedes	**A 251**
B 1182	modifies	**A 937**
B 1200	reverses	**A 897**
B 1202 and **A 1203**	supersede	**A 1020**
A 1209	supersedes	**B 1093**
A 1211	modifies	**B 682** and **B 753**
A 1214	supersedes	**B 1149**
A 1216	modifies	**B 610** (1), **B 639** and **B 641**
A 1217	modifies	**B 610** (2)
A 1225	reverses	**B 416**
A 1230	supersedes	**A 1169**
A 1232	modifies	**B 9**
A 1234	modifies	**B 738**
A 1238	modifies	**B 49** (**b**)
A 1250	modifies	**B 966**
A 1252	reverses	**B 647** (2)
B 1257 and **A 1258**	partly supersede	**B 813** (1)
A 1260, **A 1261** and **A 1262**	modify	**B 460**
A 1270	modifies	**B 667**, **B 737** and **B 799**
A 1278	supersedes	**B 678** (2)
A 1315	supersedes any previous decision with which it may be in conflict.	
A 1321	modifies supersedes	**A 787** **B 901** (8)
A 1336	modifies	**B 9**, **B 466** and **B 616**
A 1340	modifies	**B 634** and **A 999**
A 1351	reverses	**B 590** (2)
A 1358	modifies	**A 303** and **A 557**
A 1368	modifies	**B 289**
A 1372	modifies	**B 373**
B 1374 and **A 1375**	supersede any previous decision with which they may be in conflict.	
A 1399	modifies	**B 183**
A 1406	modifies	**B 819** and **B 1339**
A 1407	modifies	**B 317** (3)

A 1409	modifies	**B 480, B 535, B 575** and **B 645** (1)
A 1410	reverses	**B 270** and **B 698**
A 1416	modifies	**B 738**
A 1418	modifies	**B 686, B 733** and **B 827** (2)
A 1421	modifies	**B 847**
A 1422	modifies	**B 619** and **B 1384**
A 1442	modifies	**B 738**
A 1461	modifies	**B 1333**
B 1469	modifies	**A 943**
A 1470	supersedes	**B 354**
B 1477 and **A 1478**	supersede	**B 1288** and **B 1373**
A 1483 and **B 1484**	modify any previous decision with which they may be in conflict.	
B 1486	reverses	**A 1184**
B 1493	modifies	**A 353** (a)
A 1498	modifies any previous decision with which it may be in conflict.	
A 1511	modifies	**B 1452**
B 1513	modifies	**A 1351**
B 1517	supplements and explains	**A 1034**
A 1521	revises	**A 514**
A 1532	reverses	**B 932**
A 1534	modifies	**B 654** and **B 655**
A 1535	reverses	**B 797** (1)
A 1537	modifies	**B 1295**
A 1552	modifies any previous decision with which it may be in conflict.	
B 1559	supersedes	**A 1043**
A 2014X	partly supersedes	**B 1729**
A 2123X	modifies	**A 1869X**
A 2127X	modifies	**B 1988**
A 2144X	modifies	**B 1632**
B 2162 **A 2163X** and **A 2164X**	supersede	**B 1792** and **A 2001X**
A 2182X	modifies	**B 1772**
B 2260	supersedes	**B 2215**
A 2320	reverses	**B 1419**
B 2322	reverses	**A 1736X**
A 2349X	modifies	**B 1768**
A 2358	modifies	**B 50**
B 2386	modifies	**B 2117**
A 2392X	revises	**A 2058X**
A 2397X and **B 2398**	supersede	**B 2210**

APPENDIX II.

TABLE SHOWING THE ISSUES OF "THE BOARD OF TRADE JOURNAL" IN WHICH THE VARIOUS DECISIONS GIVEN BY THE UMPIRE HAVE BEEN PUBLISHED.

Date of "Board of Trade Journal."	Nos. of Decisions.
1912	
30 May	1–23 (6, 13 not published)
6 June	24–51 (25, 27, 28, 32, 34, 37, 41, 47 not published)
13 June	52–98 (57, 61, 68, 73, 79 not published)
20 June	99–144 (104 not published)
27 June	145–223 (148, 151, 154, 158, 161, 164, 214 not published)
4 July	224–322 (225, 226, 229, 230, 239, 240, 244, 249, 250, 252, 254, 273, 290 not published)
11 July	323–398 (331, 368 not published)
18 July	399–521 (476, 497, 498, 499, 517 not published; 512 published following week)
25 July	512, 522–602 (543, 546, 559, 563, 579, 581 not published)
1 Aug.	603–706 (605, 606, 608, 612, 613, 624, 630 not published)
8 Aug.	707–756
15 Aug.	757–799 (769, 783, 795 not published)
22 Aug.	800–874 (835, 852 not published)
29 Aug.	875–937 (896 not published)
5 Sept.	938–973 (967 not published)
12 Sept.	974–1007 (1002 not published)
19 Sept.	1008–1037 (1017, 1027 not published)
26 Sept.	1039–1069 (1038 not published)
3 Oct.	1070–1096 (1087 not published)
10 Oct.	1097–1116
17 Oct.	1117–1130
24 Oct.	1131–1145 (1142, 1143 not published)
31 Oct.	1146–1163 (1154 not published)
7 Nov.	1164–1170
14 Nov.	1171–1180 (1173, 1175 not published)
21 Nov.	1181–1190 (1188 not pub-
1912	
28 Nov.	1191–1198
5 Dec.	1200–1208 (1199 not published)
12 Dec.	1209–1213
19 Dec.	1214–1221 (1220 published following week)
26 Dec.	1220, 1222–1227
1913	
2 Jan.	1228–1232 (1233 not published)
9 Jan.	1234–1238 (1239 not published)
16 Jan.	1241–1244 (1240 published following week)
23 Jan.	1240, 1245–1256
30 Jan.	1257–1266
6 Feb.	1267–1271
13 Feb.	1272–1274 (also Umpire's note on decisions 190 and 191)
20 Feb.	1275–1276
27 Feb.	1277–1278
6 Mar.	1279–1281
13 Mar.	1282–1294
20 Mar.	1295–1299
27 Mar.	1300–1303
3 April	No decisions published.
10 April	1304–1305
17 April	1306–1307 (1308, 1309 not published)
24 April	No decisions published.
1 May	1310–1313
8 May	1314–1316 (1317 not published)
15 May	1318–1319
22 May	1320–1321
29 May	1322–1326 (1324 not published)
5 June	1327–1331
12 June	1332
19 June	1333–1335
26 June	1336–1337
3 July	1338–1341
10 July	1342
17 July	1343–1346 (1345 not published)
24 July	1347
31 July	1348

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1913	
7 Aug.	1349–1350
14 Aug.	1351
21 Aug.	1352–1355
28 Aug.	1356–1359
4 Sept.	1360–1361
11 Sept.	1362–1363
18 Sept.	1364–1366
25 Sept.	1368 (1367 not published)
2 Oct.	1369–1372
9 Oct.	1373–1377
16 Oct.	1378–1379
23 Oct.	No decisions published.
30 Oct.	1380–1382
6 Nov.	1383–1385
13 Nov.	1386–1388
20 Nov.	1389–1394
27 Nov.	1395–1396
4 Dec.	1397–1400 (1398 not published)
11 Dec.	1401
18 Dec.	1402–1403
24 Dec.	1404
1914	
1 Jan.	1405
8 Jan.	1406
15 Jan.	No decisions published.
22 Jan.	1407–1413
29 Jan.	1414–1417
5 Feb.	1418–1420
12 Feb.	1421–1422
19 Feb.	1424–1430 (1423 published following week)
26 Feb.	1423, 1431–1432
5 Mar.	1433–1434
12 Mar.	1435–1436
19 Mar.	1437–1439
26 Mar.	No decisions published.
2 April	1440–1442
9 April	1443
16 April	1444–1445
23 April	No decisions published.
30 April	1446
7 May	No decisions published.
14 May	1447–1451
21 May	1452
28 May	No decisions published.
4 June	No decisions published.
11 June	1453
18 June	1454–1455
25 June	1456
2 July	1457–1458
9 July	No decisions published.

Date of "Board of Trade Journal."	Nos. of Decisions.
1914	
16 July	No decisions published.
23 July	1459–1461
30 July	1462
6 Aug.	1463
13 Aug.	1464–1465
20 Aug.	1466–1467
27 Aug.	1468
3 Sept.	1470 (1469 published 17th Sept., 1914)
10 Sept.	1471
17 Sept.	1469, 1472
24 Sept.	1473
1 Oct.	1474–1476
8 Oct.	1479 (1477 and 1478 published 22nd Oct., 1914)
15 Oct.	1480
22 Oct.	1477, 1478, 1481–1484
29 Oct.	1485
5 Nov.	No decisions published.
12 Nov.	1486
19 Nov.	1487
26 Nov.	1488–1489
3 Dec.	1490–1491
10 Dec.	1492–1493
17 Dec.	1494
24 Dec.	1495
31 Dec.	No decisions published.
1915	
7 Jan.	1496–1497
14 Jan.	No decisions published.
21 Jan.	No decisions published.
28 Jan.	No decisions published.
4 Feb.	1498
11 Feb.	1499
18 Feb.	1500
25 Feb.	1501–1502
4 Mar.	1503–1506
11 Mar.	No decisions published
18 Mar.	No decisions published.
25 Mar.	No decisions published.
1 April	No decisions published.
8 April	No decisions published.
15 April	1507
22 April	1508
29 April	1509
6 May	1510
13 May	No decisions published.
20 May	No decisions published.
27 May	1511
3 June	No decisions published.
10 June	No decisions published.
17 June	1513 (1512 not published)
24 June	1514

Date of "Board of Trade Journal."	Nos. of Decisions.
1915	
1 July	1515
8 July	1516
15 July	No decisions published.
22 July	1517
29 July	No decisions published.
5 Aug.	No decisions published.
12 Aug.	No decisions published.
19 Aug.	1518
26 Aug.	1519
2 Sept.	1520–1521
9 Sept.	No decisions published.
16 Sept.	No decisions published
23 Sept	No decisions published.
30 Sept.	No decisions published.
7 Oct.	No decisions published.
14 Oct.	No decisions published.
21 Oct.	No decisions published.
28 Oct.	1522–1523
4 Nov.	1524
11 Nov.	1525
18 Nov.	1526–1529
25 Nov.	1530–1531
2 Dec.	No decisions published.
9 Dec.	No decisions published.
16 Dec.	No decisions published.
23 Dec.	No decisions published.
30 Dec.	No decisions published.
1916	
6 Jan.	No decisions published.
13 Jan.	No decisions published.
20 Jan.	No decisions published.
27 Jan.	1532–1535
3 Feb.	1536
10 Feb.	1537–1538
17 Feb.	1539
24 Feb.	No decisions published.
2 Mar.	No decisions published.
9 Mar.	No decisions published.
16 Mar.	1540–1541
23 Mar.	1542
30 Mar.	No decisions published.
6 April	1543
13 April	No decisions published.
20 April	1544
27 April	No decisions published.
4 May	No decisions published.
11 May	No decisions published.
18 May	1545–1546
25 May	No decisions published.
1 June	1547
8 June	1548
15 June	No decisions published.
22 June	1549
1916	
29 June	No decisions published
6 July	1550
13 July	No decisions published.
20 July	1551–1552
27 July	No decisions published.
3 Aug.	No decisions published.
10 Aug.	1553–1567
17 Aug.	1568–1622 (1583 not published; 1609 published following week)
24 Aug.	1609, 1623–1650 (1649 published 15th March, 1917)
31 Aug.	1651–1700
7 Sept.	1701–1774 (1708 not published; 1742, 1743 published 12th Oct., 1916)
14 Sept.	1775–1830
21 Sept.	1831–1866
28 Sept.	1867–1922 (1874 published 28th Dec., 1916; 1910 not published)
5 Oct.	1923–1950
12 Oct.	1742, 1743, 1951–1980
19 Oct.	1981–1993
26 Oct.	1994–2015
2 Nov.	2016–2033
9 Nov.	2034–2049
16 Nov.	2050–2060
23 Nov.	2061–2068
30 Nov.	2069–2081
7 Dec.	2082–2084
14 Dec.	2085–2095
21 Dec.	2096–2101
28 Dec.	1874
1917	
4 Jan.	2102–2103
11 Jan.	2104–2108
18 Jan.	2109–2114
25 Jan.	2115–2117
1 Feb.	2118–2126
8 Feb.	2127–2131
15 Feb.	No decisions published.
22 Feb.	2132–2138
1 Mar.	2139–2142
8 Mar.	2143–2144
15 Mar.	1649
22 Mar.	No decisions published.
29 Mar.	2145–2147
5 April	2148–2177 (2162, 2163, 2164 published 3rd May, 1917)
12 April	No decisions published.
19 April	2178–2180

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1917	
26 April	2181–2215
3 May	2162, 2163, 2164, 2216–2222
10 May	2223–2248 (2239 published 17th May, 1917)
17 May	2239, 2249–2268
24 May	2269–2270
31 May	2271–2274
7 June	2275–2294
14 June	2295–2314
21 June	2315–2320
28 June	2321–2348
5 July	2349
12 July	2350–2357
19 July	2358–2361 (2359 not published)
26 July	2362–2363
2 Aug.	2364–2366
9 Aug.	2367–2384
1917	
16 Aug.	2385
23 Aug.	No decisions published.
30 Aug.	2386
6 Sept.	2387
13 Sept.	No decisions published.
20 Sept.	No decisions published.
27 Sept.	2388.
4 Oct.	2389.
11 Oct.	No decisions published.
18 Oct.	2390–2391.
25 Oct.	No decisions published.
1 Nov.	No decisions published.
8 Nov.	No decisions published.
15 Nov.	2392–2393.
22 Nov.	2394–2398.
29 Nov.	2399.
6 Dec.	2400–2401.
13 Dec.	2402–2406.

INDEX.

Note.—"A" numbers refer to decisions by the Umpire that contributions ARE PAYABLE.

"B" numbers refer to decisions by the Umpire that contributions ARE NOT PAYABLE.

The numbers of decisions given under the National Insurance (Part II.) (Munition Workers) Act, 1916, are distinguished by the letter "X."

⁂ This index is intended merely as a guide to the decisions in which the occupations indexed are to be found, and it is important that reference should in all cases be made to the text. The effect of a decision as indicated by the letters "A" or "B" depends upon the whole context, a variation in which may render the decision inapplicable.

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Local Authority Employees (*see also* Harbours, Electricity Supply)—
  Ashpit Workers, B 97, B 2160
  Baths—
    Attendants, B 97
    Floor Fixers and Repairers, A 1171
    Repairers, A 191 (3)
  Cable Jointers, A 191 (4)
  Cart Painters, A 736
  Cranemen, B 190 (14), A 191 (1)
Local Authority Employees (*see also* Admiralty, Harbours, Electricity Supply)—*cont.*
  Electric Power Supply Plant—
    Constructors, A 191 (6)
    Maintenance Workers, B 190 (4), B 1905
  Engine Drivers—
    Sewage Pumping Station, B 31 (a)
    Water Works, B 31 (b)
  Gas Department—
    Gas Holder Painters, B 420
    Pipe Fitters, A 600
    „ Testers, B 420
    Pressuremen, B 420
    Turncocks, B 420
  Graves—
    Diggers, B 218
    Makers (Brick-lined), B 572
  Ironwork Painters, B 190 (12)
  Joiners (Schools), A 66
  Kerbstone Dressers, B 190 (1)
  Lamps (Street)—
    Lighters, B 97
    Pillar Drillers, A 2270X
    „ Painters, B 734, A 2270X
    Stone Base Repairers, B 190 (2)
  Laundrymen, B 97
  Lavatory Repairers, A 191 (3)
  Light Railways—
    Constructors, A 191 (6)
    Maintenance Workers, B 190 (4), B 1905
  Lighting Inspectors, B 97
  Main Layers, B 190 (10), A 191 (7)
  Market Attendants, B 97
  Material Inspectors, B 785
  Meters (Water)—
    Repairers, A 600
  Motor Wagon Drivers, B 65
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  Orderly Bin Painters, B 734, A 2406X
  Painters, B 190 (12), B 734, A 736, A 2406X
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    Constructors, A 191 (6)
    Maintenance Workers, B 190 (4), B 1905
    Siding Constructors, A 191 (7)
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  Refuse Destructors—
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  - Sewage Farm Attendants, B 97
  - Sewers—
    - Cleansers, B 97
    - Constructors, A 191 (9)
    - Relayers, A 1226
    - Repairers, B 190 (13), B 268
    - Road Workers (Reconstruction), A 1395
    - Straighteners, A 1226
  - Stoves (Gas)—
    - Fixers, B 607
    - Removers, B 607
  - Tool Sharpeners, A 452
  - Tramways—
    - Constructors, A 191 (6)
    - Maintenance Workers, B 190 (4), B 1905
  - Truckmen, B 454
  - Water Inspectors, B 97
  - ,, Cart Painters, A 736
  - Waterworks Engine Drivers, B 31
  - Window Cleaners, B 734
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  - Woodwork Machinists, A 191 (2)
- Lockers—
  - Fixers, A 1245
  - Makers, A 2328X
- Locks—
  - Canal, &c.—
    - Gate Repairers, A 1534
    - Keepers, B 654 (3)
    - Repairers, B 654 (1)
    - Wall Repairers, B 655
  - Door, &c.—
    - Fixers, A 465 (1), A 478
    - Makers, A 1570X
    - Repairers, A 465 (1), A 745, A 1555X
  - Guns—
    - Filers, A 1376
- Locomotive—
  - Cranes—
    - Drivers (Engineering Estbt.), A 1132
  - Engines—
    - (For detailed list of workers *see* text, Nos. A 465, A 479, A 492)—
    - Boiler Ferrule Makers, A 1263
    - Cleaners, A 2148X
    - Drivers, &c. (*see also* Special Exclusion (Drivers, &c.) Order, p. iv.)—
      - Electric Supply Co., B 264
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  - Gas Machines—
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  - Shipbuilding, A 751
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  - Sawyers, A 1652X
- Look-out Men—
  - Railways, B 1411
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  - Makers and Repairers (Wire Netting), A 1146
  - Temple Makers, A 1069
- Loose Boxes—
  - Makers, A 685
- Loose Leaf Ledger Binders—
  - Makers, A 2005X, B 2006
- Lorries—
  - Wheel Makers, A 787
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    - Bag Makers and Fillers, B 136
  - Oil Blenders, A 1683X
- Lubricators (Drip-feed)—
  - Makers, A 502
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  - Makers, A 388
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- Macadam—
  - Layers, B 738
  - Makers, B 1500, B 1998
- Machine Moulders—
  - Brick Works, A 1689X
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  - Attendants—
    - Armour Plate Makers, A 868
    - Boiler Makers, A 411
    - Brick Works, A 1689X
    - Cement Makers, A 578
    - Dye Works, B 327
    - Insured Trades, A 1948X
    - Locomotive Works, A 479, A 492
    - Mechanical Engineering Estbt., A 20, A 411
    - Nail Makers, A 1250
    - Nut and Bolt Makers, A 428 (1)
    - Printers, B 129, B 1821
    - Printing Machinery Estbt., A 663
    - Railway Works, A 465
    - Reinforced Concrete Wire Welders, A 2387X
    - River Conservators, A 812
    - Uninsured Trades, B 2156, B 2369
    - Weighing Machine Makers, A 888
    - Wire Rope Makers, A 1635X
    - Wire Weavers, A 1650X

- Machinery (*see also* Machinists and Mechanical Engineering Establishment Workers)—*cont.*
  - Attendants—*cont.*
    - Wood-working Establishments, A 1776X, A 2088X
  - Belt Makers and Repairers, A 803, A 1964X, A 2109X
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  - Cleaners—
    - Insured Trades, A 1948X
    - Textile Mills, B 434
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    - Repairers, A 1141
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  - Demonstrators, B 915, A 926
  - Driving Chain Makers, A 808
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    - Alkali Works, A 675
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    - Boat, A 339
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    - Locomotive Gas, A 955
    - Well, A 826
  - Foundation Preparers, A 1396
  - Guard Makers, B 2240
  - Leather Makers, A 408
  - Levelling Packing Makers, A 1249
  - Makers and Repairers—
    - Adding, A 495
    - Addressograph, A 2347X, B 2348
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    - Automatic, A 1224
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    - Boring, A 900
    - Bottle-corking, A 1330
    - Bread-slicing, A 1330
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    - Bucket-making, A 1311
    - Burring, A 1165
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    - Cartridge Case Works, A 1208
    - Clocks, A 1728X
    - Coffee-making, A 956
    - Colliery, A 1261
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    - Disinfecting, A 2335X
    - Dock, A 671
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    - Food-chopping, A 2316X
    - Fretwork, A 1053
    - Fruit-cleaning, A 1330
    - Fruit Tree-spraying, A 2335X
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- Machinery (*see also* Machinists and Mechanical Engineering Establishment Workers)—*cont.*
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    - Lime-washing, A 2335X
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    - Threshing, A 435
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  - Regulators—
    - Sewing, B 2298
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    - Belt Fastener Makers, A 1433
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    - Electrical, A 1540, B 1541
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    - Knitting, B 1337
    - Weighing, B 1186, A 1187
- Machinists—
  - Canvas, &c.—
    - Military Equipment, A 1554X
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    - Clothing, A 1578X
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    - Adding Machine Makers, A 495
    - Artillery Ammunition Makers, A 1527, A 1636
    - Axle Box Makers, A 739
    - Boiler Ferrule Manufacture, A 2388
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- Machinists—*cont.*
  - Metal—*cont.*
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    - Iron, Steel and Coke Works, A 481
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    - Motor Part Makers, A 502
    - Metal Window Makers, A 1225
    - Office Apparatus Makers, A 567 (2)
    - Pipe Foundry, A 1511, A 2330X
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    - Searchlight Gear Makers, A 1488
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    - Signal Works, A 414 (3), A 507 (2, 4)
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    - Wheelmakers, A 540 (2)
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    - Building Trade, A 714
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- Mackintoshes—
  - Makers, A 1747X
- Magazine Escapements (Printing Machinery)—
  - Machinists, &c., A 663
- Magazines—
  - Attendants, A 1599X
- Magnetos—
  - Ebonite Part Makers, A 1814X
  - Makers, A 1692X
  - Tool Makers, &c., A 1044
- Magnets (Permanent)—
  - Makers, A 2340X
- Mail Carts (*see under* Perambulators)
- Main Cocks (Gas)—
  - Makers, A 1633X
- Mains (Water, Gas and Electric)—
  - Layers, B 190 (10), A 191 (7)
  - Road Workers, A 1303, A 1498
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- Mallets (Leather)—
  - Makers, A 2109X
- Maltsters, B 83
- Mangers—
  - Erectors, A 554
- Mangles—
  - Decorators, A 617
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  - Wood Grainers, &c., A 1092
- Mantles (Gas)—
  - Makers, B 1634
- Manures (Chemical)—
  - General Workers, A 1594X, B 2025, A 2350X
  - Wharf Labourers, B 1993, B 2056
- Marble Workers—
  - Barbers' Basin, &c. Makers, A 506
  - Dressers, A 952
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  - Makers (Artificial), A 1525, A 2106X
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  - Preparers, A 952, A 1525
  - Veiners, A 1092
- Margarine—
  - Makers, A 2390X, B 2391
- Marine Engines—
  - Erectors, A 339
- Markers-off—
  - Insured Trades, A 750
- Markers—
  - Spectacle Lenses, B 1928
- Markers-out (Timber)—
  - Insured Trades, A 1227
  - Railway Works, A 465 (2), B 2319
  - Sawmills, A 2046X
- Markers (Tennis)—
  - Makers, A 2274X, A 2328X
- Markers-up—
  - Military Stores, A 1817X
- Markets—
  - Attendants, B 97
  - Constructors, &c., A 1285
  - Stall Fixers, &c., B 982
- Marking Stamps (Rubber)—
  - Makers, A1781X
  - Type Setters, B 1895
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  - Brick Manufacture, A 1884X
  - Cement Manufacture, B 2044, B 2045
- Masks (Gas)—
  - Makers, A 1554X
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  - Barbers' Basins, &c. Makers, A 506
  - Builders, A 44, A 642, A 714
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  - Riggers (Wireless Telegraph Stations), B 1213

- Matches—
  - Makers, A 1740X, B 1741
- Material—
  - Checkers—
    - Railway Works, B 2319
  - Inspectors—
    - Tramways, B 785
- Mates (Barge)—
  - Builders' Merchants, B 105
- Matrix Makers—
  - Linotype Machines, A 663
  - Monotype Machines, A 1255
- Matting (Cocoanut Fibre)—
  - Makers, A 1840X, B 1841
- Mattresses—
  - Makers—
    - Asbestos Cloth and Fibre, A 1987X
    - Flock, B 1743, B 2151
    - Hair, B 2151
    - Straw, B 2151
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    - Wool, B 2151
- Mausoleums—
  - Constructors, A 1325
- Maxim Guns—
  - Ammunition Belt Makers, A 1012
- Measurers—
  - Pipe Foundry, A 1168
  - Shipbuilding Yards (Piecework), A 1497
- Measuring—
  - Gauges—
    - Makers, A 2267X
  - Instruments (Electric)—
    - Makers, A 1691X
  - Rules and Tapes—
    - Makers, A 2262X
- Meat—
  - Mincing Machine Makers, A 1330, A 2316X
  - Tin Makers, A 2328X
- Mechanical Engineering Establishment Workers (*see also* Machinery, Railways and Locomotive Engines)—
  - Angle-iron Smiths, A 411
  - Belt Attendants, A 337, A 395, A 803
  - Bench Hands, A 591
  - Boilermakers, A 315, A 411
  - Boilermen, A 86
  - Borers, A 20
  - Buffers, A 20
  - Car Testers, A 341
  - Case Hardeners, A 908
  - Casters, A 20, A 23
  - Caulkers, A 411
  - Chain Makers, A 803
  - Coffee Mill Makers, A 1258
  - Copper Fittings, &c., Makers, A 1329
  - Core Makers, A 20, A 23
  - Cranemen, A 86, A 812, A 1132
- Mechanical Engineering Establishment Workers (*see also* Machinery, Railway and Locomotive Engines)—*cont.*
  - Coupling and Chain Repairers and Screwers, A 1141
  - Cupolamen, A 20
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  - Dressers, A 20, A 23
  - Drifter Riggers, A 1016
  - Drillers, A 20
  - Ebonite Workers, A 1230
  - Emery Wheel Makers, (A) 2213
  - Engine Testers, A 341
  - Enginemen, A 86, A 812
  - Erectors, A 20
  - Finishers, A 20, A 23
  - Firemen, A 86
  - Fitters, A 20, A 23, A 323
  - Flangers, A 594
  - Gasfitters, A 337
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  - Gaugers, A 750
  - Glazers, A 20
  - Grinders, A 20
  - Hoistmen, A 50, A 1088
  - Holders-up, A 411
  - Hose Pipe Makers, A 803
  - Hydraulic Fittings Testers, A 731
  - Inspectors, A 750, A 1160
  - Ironfounders, A 20, A 23
  - Iron Sawyers, A 20
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  - Labourers, A 319, A 749
  - Leather Cutters, A 408
  - Lift Ropers, A 1207
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  - Machinemen, A 20, A 411
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    - Leather Makers, A 408
    - Painters, A 337
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  - Metal Windows—
    - Assemblers, A 1225
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  - Millers, A 20
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  - Planers, A 20
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  - Screwers, A 20
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  - Sewing Machine Repairers, A 1174
  - Textile Mills, A 15, A 29, B 434
  - Tramway Workshops, A 1300
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  - Typewriter Repairers, A 880
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- Medallists—
  - Die Makers, A 2234X
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- Medical (*see under* Surgical)
- Meggers—
  - Makers, A 1691X
- Melters—
  - Anti-corrosive Materials (Ships), A 1397
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- Melters—*cont.*
  - Steel, A 1700X
  - Tallow, B 1842
- Memorial Tablets (Brass)—
  - Makers, A 1670X
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- Merchants (General)—
  - Warehouse Employees, B 1686
- Messengers—
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  - Locomotive Works, A 749
- Mess-room Attendants—
  - Insured Trades, B 1441, B 1664
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- Metal (*see also* under specific headings)—
  - Breakers, &c., B 1593
  - Case-hardening Compound Makers, B 2130
  - Corrugators, A 2378X
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  - Galvanisers, A 2042X
  - Gauge Makers, A 2267X
  - Painters, A 2406X
  - Perforation Presses—
    - Tool Makers, A 898, A 928
  - Piercers, A 1651X
  - Platers, A 1654X
  - Polishers, A 465 (1), A 1654X
  - Polish Makers, B 1798
  - Stampers, A 1651X
  - Testers (Steel Works), A 1809
- Metal Merchants' Employees—
  - Breakers, Sorters, &c., B 267, A 291, B 991, B 1593
  - Warehousemen, B 1577
- Metallers (White)—
  - Railway Works, A 465 (1)
- Metallic—
  - Hose Covering—
    - Makers, A 2257X
  - Ship's Berth Makers, A 2336X
  - Tubing (*see* Flexible Metallic Tubing).
- Meters—
  - Electricity—
    - Bracket Makers, &c., B 2253
    - Fixers, B 1906, B 2253
    - Makers, A 1691X
    - Readers, B 10 (5), B 1906
    - Testers, B 264
  - Gas—
    - Fixers, B 779
    - Inspectors, B 238 (11), B 245

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  - Gas—*cont.*
    - Makers, A 1725X, A 2328X
    - Repairers, A 1725X
    - Testers, B 238 (10), B 245
    - Tool Makers, A 986, A 1009
  - Water—
    - Cleaners, B 1893
    - Inspectors, B 169
    - Makers, A 456
    - Readers, B 1893
    - Repairers, A 600
    - Testers, A 731
- Methylators—
  - Alcohol, A 2098X
- Mica—
  - Cutters, A 1690X
  - Washers, &c., Makers, A 2394X
- Micanite Moulds—
  - Finishers, A 1532
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- Military—
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  - Equipment Makers or Repairers—
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    - Cardboard Boxes, A 2144X
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    - Coats, A 1569X
    - Cocoanut Fibre Mats, &c., A 1840X
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